DOCUMENT RESUME

ED 083 387 CE 000 362

TITLE	A Pennsylvania State Plan for the Administration of Vocational-Technical Education Programs. Part II--Annual and Long-Range Program Provisions. Fiscal Year 1974.
INSTITUTION	Pennsylvania State Dept. of Public Instruction, Harrisburg. Bureau of Vocational, Technical, and Continuing Education.
PUB DATE	73
NOTE	151p.; For Part I, see CE 000 361
EDRS PRICE	MF-$0.65 HC-$6.58
DESCRIPTORS	Administrator Guides; Demography; Educational Legislation; Employment Opportunities; *Improvement; Inservice Teacher Education; Manpower Needs; *Objectives; Preservice Education; *Program Development; State Programs; *Vocational Education; Vocational Education Teachers
IDENTIFIERS	Higher Education Act of 1965; *Pennsylvania

ABSTRACT

The document establishes annual and long-range program plan provisions for the development, expansion, and improvement of vocational education for youth and adults of the Commonwealth. It describes the bureau's long-range objectives and annual program provisions for service based upon evidence of manpower needs, job opportunities, population characteristics and availability of vocational education to people of all ages throughout the State. It also sets forth the long-range and annual program provisions for inservice and pre-service training for vocational education teachers under Part F of the Higher Education Act of 1965. (Author/AG)

ED 083387

Fiscal Year 1974

A Pennsylvania State Plan

Vocational-Technical Education Programs

Part II—Annual and Long-Range Program Provisions

U.S. DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

CE 000 362

FILMED FROM BEST AVAILABLE COPY

Pennsylvania Department of Education 1974

Fiscal Year 1974

A Pennsylvania State Plan for the Administration of Vocational-Technical Education Programs

PART II—Annual and Long-Range Program Provisions

Prepared by
Bureau of Vocational Education
Pennsylvania Department of Education
1974

Commonwealth of Pennsylvania
Milton J. Shapp, Governor

Department of Education
John C. Pittenger, Secretary

Office of Basic Education
Donald M. Carroll Jr., Commissioner
Harry K. Gerlach, Deputy Commissioner

Bureau of Vocational Education
John W. Struck, Director

Pennsylvania Department of Education
Box 911
Harrisburg, Pa. 17126

INTRODUCTION

Part II of the Pennsylvania State Plan for the administration of vocational-technical education mandated by Public Law 90-576, "Vocational Education Amendments of 1968, Part F of the Higher Education Act of 1965 and Title II of the Education Amendments of 1972 establishes Annual and Long-Range Program Plan Provisions for the development, expansion and improvement of vocational education for youth and adults of the Commonwealth. This section of the State Plan describes the bureau's long-range objectives and annual program provisions for service based upon evidence of manpower needs, job opportunities, population characteristics and availability of vocational education to people of all ages throughout the State. It also sets forth the long-range and annual program provisions for the inservice and pre-service for teacher training for vocational education teachers under Part F of the Higher Education Act of 1965.

Accomplishment of the annual and long-range program provisions is dependent upon adequate local, state and federal financial support. The estimates of total funds needed for vocational education and annual allocation plan (Table 6) included in Part II reflects estimates of federal funds needed annually to achieve the purposes of the Vocational Education Amendments Act of 1968, Part F of the Higher Education Act of 1965 and Title II of the Education Amendments of 1972 together with estimated state and local money based upon previous levels of program support.

Part II is revised annually in terms of realistic statewide priorities, school district needs, and the resources necessary and available for satisfying these needs.

PART II - ANNUAL AND LONG-RANGE PROGRAM PLAN PROVISIONS

Prefixed to Part II

Introduction
Prefix I

Projected Goals and Recommendations
for
Expanding Vocational Education Opportunities
in
Pennsylvania

Prefix II

Request for Transfer of Federal Funds Allotted
Under Section 102 (a) of Public Law 90-576

Appended to Part II

Appendix B - Criteria for Determining Priority of Professional Development Programs

Appendix C - Vocational Education Personnel Directory 1972-73

Appendix D - Vocational Teacher Education Institution Directory

Fiscal Year 1973 and Degrees Awarded FY - 1972

Appendix E - Compliance with Civil Rights Act of 1964
Copy of Form HEW 441

Appendix F - Compliance with Title IX, Education Amendments of 1972

Prohibition of Sex Discrimination
Sexism in Education - Copies of the following documents:

(a) Secretary of Education letter dated September 5, 1972

(b) Joint Task Force Report 1972

(c) Secretary of Education letter dated June 8, 1973

THE PENNSYLVANIA STATE PLAN FOR VOCATIONAL-TECHNICAL EDUCATION PROGRAMS FOR FISCAL YEAR 1974

PART II - ANNUAL AND LONG RANGE PROGRAM PLAN PROVISIONS

RATIONALE, PROJECTED GOALS AND RECOMMENDATIONS FOR EXPANDING VOCATIONAL EDUCATION OPPORTUNITIES IN PENNSYLVANIA

RATIONALE

The Federal Government has long recognized the importance of vocational education in training America's labor force and as a result a series of Federal Acts have directed categorical funds to encourage the growth and expansion of vocational education. The stated goals of vocational education are reflected in the following excerpt from the Amendments of 1972:

> "...that vocational education opportunities should be made available to all persons of all ages in all communities of the states--those in high school, those who have completed or discontinued their formal education and are preparing to enter the labor market, those who have already entered the labor market but need to upgrade their skills, or learn new ones, those with special educational handicaps, and those in post-secondary schools---will have ready access to vocational training or retraining..."

In Pennsylvania, state and local planning for expanding vocational education has been in response to national manpower needs that have been translated into regional and local needs. The 1963 federal legislation paved the way by providing categorical aid to bring about desired change through the establishment of area vocational-technical schools. Enabling legislation by the state made it possible for county and local educational agencies to plan and implement area programs. This growth is highlighted by the following statistics:

1963 Enrollment in three area vocational schools --- 54,147
and comprehensive high schools

1972 Enrollment in 67 area vocational schools ----- 189,073
and comprehensive high schools

The 1968 Amendments to the Federal Vocational Act directed categorical aid to programs for people with special needs, and as a result the Pennsylvania Department of Education, Bureau of Vocational Education redirected resources from construction to programs designed to meet the individual needs of people. The annual long-range and Federal-State Plan for Vocational Education is designed to

meet these stated goals and objectives. However, the rate of change in program direction does not appear to be rapid enough to meet the Congressional intent. A recent report by the Comptroller General of the United States (GAO) published the following findings:[1]

> "...the objective of the legislation had not been achieved nationwide or in any of the states studies. 37% of the nation's high school students presumed to need vocational education...primarily those not going on to a four-year college...were not receiving it..."

Pennsylvania was one of the four states studied by the Comptroller General and the report indicates that 44% of those students in this state presumed to need vocational education were not receiving it. This would indicate a wide disparity between the stated goals and achievement.

The Comptroller General's review indicates some possible causes as follows:

> "...insufficient financial support at all levels of government and
> ...an unfavorable image of, and a resulting adversion to, vocational education."

This report along with other studies and evaluations conducted by other federal, as well as state agencies, would seem to indicate that priorities need to be shifted to achieve both short range and long range objectives.

Vocational education in Pennsylvania has developed a delivery system with the potential to assist in bringing about some of the desired social as well as educational, changes demanded by society.

In keeping with the philosophy and goals developed by the Pennsylvania Department of Education, and taking into consideration the observations by the Comptroller General of the Federal Government, and the suggested 1972 recommendations of the Pennsylvania Advisory Council on Vocational Education to the Pennsylvania State Board of Education;[2] Goals and Recommendations for expanding vocational education opportunities in the Commonwealth of Pennsylvania are presented in the following nine projected goals and recommendations.

1. Training America's Labor Force: Potential, Progress and Problems of Vocational Education . . . October 1972. GAO Report B164031 (1)

2. Evaluation of the Vocational and Technical Education Program in Pennsylvania in FY 1972 - November 1972 Walter M. Arnold Associate Inc.

PROJECTED GOALS AND RECOMMENDATIONS

GOAL NO. 1: CONTINUE EXPANSION OF SECONDARY VOCATIONAL EDUCATION PROGRAMS THROUGHOUT THE STATE SO THAT BY THE END OF 70's EVERY HIGH SCHOOL STUDENT WILL HAVE A MARKETABLE SKILL UPON GRADUATION.

RECOMMENDATIONS

- Utilize innovative types of programs such as closed circuit educational television, satellite schools, year-round scheduling "twin-tech" concept, shift scheduling, mobile units, cooperative work study, self-instructional programmed learning packages and audio visual devices to increase the number of students who can be reached with vocational subjects, particularly in sparsely populated areas.

PROPOSED IMPLEMENTATION

- Revision of Vocational Education Curriculum Regulations and Standards.

  Regulations revised and approved by State Board 7-14-72

  Standards - Secondary Vo. Ed.
  Chairman appointed
  Completed work due March 1973

  Standards - Postsecondary Vo. Ed.
  Chairman appointed
  Completed work due June 1973

- Project Planning

  Encourage innovative programs through use of 1972-1973 - 1973-1974 planning money.

  Leadership provided to the 86 local planning units by the vocational education field staff during the months of December 1972, January and February 1973 will encourage innovative planning by directing the development of projects for the 73-74 school year.

GOAL NO. 1 (Continued)

RECOMMENDATION

. In populous areas build area vocational-technical schools and continue to add vocational subject coverage in comprehensive high schools which are not close enough to an AVTS for a time sharing arrangement.

PROPOSED IMPLEMENTATION

. Preliminary plans have been developed by the City of Philadelphia to build five skill centers. Continue to encourage other populous areas to develop facilities to accommodate more students. (Pittsburgh, Erie and Harrisburg) Scranton will open new facilities September 1973.

RECOMMENDATION

. Capitalize on the capabilities of existing teachers and guidance personnel through intensive in-service training to strengthen career development for all students, including the college bound as well as the vocationally oriented.

PROPOSED IMPLEMENTATION

. Continued joint funding of guidance programming with Bureau of Instructional Support Services.

. Encouragement of local project planning for use of discretionary funds toward this objective.

. Joint planning with the Bureau of Curriculum Services toward implementation of the Education Act (Federal) of 1972. This Act identifies Industrial Arts as an additional area for providing occupational training toward meeting the needs of students as well as responding to the manpower supply and demand of the nation. The development of the 1973-1974 State/Federal Plan for Vocational Education must follow guidelines that will spell out how this will be accomplished. Department curriculum standards and certification requirements will have to be revised.

PROJECTED GOALS AND RECOMMENDATIONS

GOAL NO. 2: CONTINUED EXPANSION OF THE NUMBER OF PROGRAMS AVAILABLE FOR POSTSECONDARY ENROLLMENTS IN VOCATIONAL EDUCATION.

RECOMMENDATIONS	PROPOSED IMPLEMENTATION
. Encourage local administrators and local planning units to investigate the potential of instituting additional vocational training services under contract with private schools.	. Revised Vocational Education Standards due March 1973. Will give direction to this objective. (Legislation not needed - current Attorney General's ruling now makes this possible).
. Expanded vocational education offerings in Area Vocational-Technical Schools to provide for postsecondary students to take advantage of 13th and 14th year subject offering.	. Recent enactment of Act No. 346 by the Pennsylvania General Assembly makes this possible. Regulations and standards for implementation of this Act are due by January 1973.
. Investigate the potential of the individual referral system, as utilized by the Manpower Training and Development programs, to provide special opportunities for postsecondary students to attend specialized courses.	. To be investigated by the Adult Education Division. Current contracts with Department of Labor and Industry and Welfare for Model Cities, C.E.P. and W.I.N. students are held in abeyance with federal "freeze".
	. Joint planning with the Office of Higher Education toward implementation of the Education Act (Federal) of 1972. This Act calls for the development of a long-range strategy for infusing occupational education at the secondary level with the postsecondary level programs in both private and public community and junior colleges, area vocational schools, accredited private proprietary institutions, technical institutes, manpower skill centers and branch institutions of colleges or universities.

GOAL NO. 3: CONTINUE TO EXPAND THE NUMBER OF PROGRAMS AVAILABLE FOR CONTINUING EDUCATION (OUT-OF-SCHOOL YOUTH AND ADULTS) IN VOCATIONAL TECHNICAL EDUCATION.

RECOMMENDATIONS

- Expand late afternoon, evening and summer vocational program offerings in Area Vocational-Technical Schools, Community Colleges, Off Campus University Centers, and Comprehensive high schools to provide additional opportunities for continuing education students to benefit from vocational training resulting in greater upward mobility.

PROPOSED IMPLEMENTATION

- Legislation Suggested

  (Proposed legislation . . . Recent General Assembly House Bill 1106)

  "...to increase reimbursement to local school districts offering extension classes which provide occupational instruction to prepare out-of-school youth or adults for initial employment in an occupation; or to increase or upgrade the job skills and knowledges in the occupation in which the individual is employed."

PROJECTED GOALS AND RECOMMENDATIONS

GOAL NO. 4: EMPHASIZE THE NEED FOR BRINGING VOCATIONAL-OCCUPATIONAL PROGRAMS, ENROLLMENT AND COMPLETIONS INTO CLOSER RELATIONSHIP WITH CURRENT AND PROJECTED LABOR MARKET NEEDS.

RECOMMENDATIONS

- Intensify program expansion in public secondary and postsecondary programs in occupational areas in an effort to more closely equalize output with projected labor market demands.

PROPOSED IMPLEMENTATION

- Make available to all planning units updated labor market projections - (Publication due by June 1973).
- Cooperate with state and national planning board in development of a model.
- Expand VEMIS (Vocational Education Information System) to include input, the postsecondary AVTS, Community College and accredited private trade and business schools. Report due December 1973.

GOAL NO. 5: INCREASE THE PROJECTION FOR ENROLLMENT OF THE DISADVANTAGED AND THE HANDICAPPED IN VOCATIONAL EDUCATION.

RECOMMENDATIONS	PROPOSED IMPLEMENTATION
. Increase the emphasis in goal Number 4 toward the socioeconomic disadvantaged students and handicapped students.	. Current field planning calls for developing projects for the disadvantaged in excess of the mandate percentage. . Local program directors are encouraged to relate program needs to complement community action programs and Model Cities projects. . All handicapped projects are coordinated with I.U. Special Education directors and regional Bureau of Vocational Rehabilitation directors. Winter and Spring meetings planned.

PROJECTED GOALS AND RECOMMENDATIONS

GOAL NO. 6: INCREASE THE PERCENTAGE OF PLACEMENT OF VOCATIONAL EDUCATION GRADUATES IN JOB IN FIELD FOR WHICH TRAINED.

RECOMMENDATIONS	PROPOSED IMPLEMENTATION
. Concentrate guidance and counseling efforts toward a greater degree of assistance to students in making their course selection consistent with their abilities and choice.	. More critical analysis of the VEMIS report concerning course selection. Interviews scheduled to add an analyst to the Vocational Planning Division. (The position has been approved).
. Increase school placement activities to cover more students in an effort to guide them into jobs that are closely related to their field of study.	. Local planning units are being directed to use federal funds to develop placement capabilities. This is being coordinated with state and local employment service offices.

PROJECTED GOALS AND RECOMMENDATIONS

GOAL NO. 7: RESOLUTION OF PERSISTENT TEACHER EDUCATION AND TEACHER CERTIFICATION PROBLEMS.

RECOMMENDATIONS	PROPOSED IMPLEMENTATION
. Assign a full-time competent qualified vocational educator to the teacher certification agency.	. A committee has been established by the Commissioner of Higher Education to review the problems of vocational teacher education. This committee is comprised of deans and department chairmen from various colleges and universities along with staff from basic education and higher education. First meeting was held December 20. Meetings are planned for February with plan of action to be developed by September 1973.
. Provide qualified vocational education representation on the professional standards committee.	
. Develop compatible reciprocal program (courses and credits) of vocational teacher education in appropriate Pennsylvania colleges and universities.	

PROJECTED GOALS AND RECOMMENDATIONS

GOAL NO. 8: INCREASE THE NUMBER OF MINORITY TEACHERS, COUNSELORS AND ADMINISTRATORS.

RECOMMENDATIONS

Intensify the identification and training of new, younger, potential Black teachers for positions on administrative staffs at higher levels.

PROPOSED IMPLEMENTATION

- Vocational education field staff contacts at local level encourage involvement toward this end. i.e. Local in-service programs, professional organization meetings.

- Vocational Youth Group Programs planned as follows:

  FFA - June 27-29, 1973
  FHA - April 6-8, 1973
  FBLA - May 6-8, 1973
  VICA - April 2-4, 1973
  DECA - March 11-13, 1973

GOAL NO. 9: CONTINUE TO IMPROVE THE IMAGE OF VOCATIONAL-TECHNICAL EDUCATION SO THAT A BETTER UNDERSTANDING CAN BE HAD OF WHY PERSONS WHO WOULD BENEFIT FROM VOCATIONAL EDUCATION ARE NOT RECEIVING IT.

RECOMMENDATIONS

- Review the extent that aversions to vocational education are caused by a widespread view that only a college degree can lead to a successful career.
- The reason for apparent absence of an aversion to vocational education in some schools.
- Whether aversions to vocational education programs are caused by the reputed poor quality of some programs and whether that reputation is warranted.

PROPOSED IMPLEMENTATION

- Increased information to the public.
- Planned in-service programs for:
  - administrators
  - counselors
  - teachers
- Proposed research needed on the subject.
- More critical evaluation to be performed by vocational field advisers during FY 1972-73.

Prefix II

State Pennsylvania Fiscal Year 1974

Request for Transfer of Federal Funds Allotted Under Section 102(a)

Allotment from which transfer is to be made	Allotment to which transfer is to be made	Amount
Part B	Part C	
	D	
	E	
	F	
	G	
	H	
Part C	Part B	
	D	
	E	
	F	
	G	
	H	

Explanation of transfer: Indicate how the annual plan will be affected by the transfer and provide information which assures consideration of criteria in Regulation §102.156(b).

(Continue on back of sheet)

Date

(Signed)

(Title)

PART II
ANNUAL AND LONG-RANGE PROGRAM PLAN PROVISIONS

TABLE OF CONTENTS

		PAGE
1.0	Analysis of Manpower Needs and Job Opportunities in the State	
	1.1 State's Projected Labor Demands - Table 1	II-1
2.0	Analysis of Availability of Vocational Education	
	2.1 State Maps and Graphs to Indicate Specific Areas	II-2
3.0	Analysis of State's Population and Vocational Education Needs	
	3.1 Statistics on Populations to be Served Secondary and Postsecondary Enrollments - Table	II-7
4.0	Annual and Long-Range Planning and Budgeting	
	4.0 Annual and Long-Range Plan - Table 3, Page 1 and Table 3, Page 2	
	4.1 Rationale for State Goals and Objectives	II-10
5.0	Projection of State's Enrollments	
	5.1 Summary of State's Projected Enrollment - Table 4	II-94
6.0	Fiscal Year 1973 Enrollments	
	6.1 Summary of State Fiscal Year 1973 Enrollment - Table 5	II-95
7.0	Estimates of Total Funds Needed for Vocational Education and Annual Allocation Plan	
	7.1 Summary of Total Funds Needed - Table	II-96
8.0	Construction Projects on Which Construction Will Start in Coming Year	
	8.1 Summary of Construction Projects to be Started - Table 7	II-97
9.0	Actual and Projected Demand for Vocational Education Personnel Development	
	9.1 Summary of Personnel Needs - Table 8 - Page 1	II-100
	Table 8 - Page 2	II-101
10.0	Planned Expenditure of and Project Need for Vocational Education Personnel Development Funds	
	10.1 Summary of Expenditures for Personnel Development - 1972-73 Table 9	II-102
11.0	Financial Plan for Personnel Development Based on Funds Available or Anticipated	
	11.1 1973-74 Financial Plan for Personnel Development - Table 10 . .	II-103
12.0	Projection of Enrollment in Vocational Education Personnel Preparation and Development	
	12.1 Summary of Pre-service and Inservice Enrollments - Table 11 . .	II-104

TAL . 1

EMPLOYMENT OPPORTUNITIES RELATED TO VOCATIONAL EDUCATION PROGRAMS
LABOR DEMAND AND SUPPLY SUMMARY

State: Pennsylvania

Fiscal Year Ending June 30, 1974

OE CODE	Instructional Program	Current Employment (est.) 1/	Projected Expansion and Replacement Needs (est.) 2/		Projected Labor Supply: Vocational Education Public Schools Output (est.) 3/		Projected Labor Supply: Other Sectors Output (est.) 4/	
			1974	1978	1974	1978	1974	1978
	TOTAL							
01.	Agricultural							
	On-Farm	73,959	1,358	1,440	1,194	1,432	57	62
	Off-Farm	54,604	3,718	3,941	1,081	1,920	164	197
09.	Home Economics	155,322	9,379	10,223	1,077	1,400	983	1,307
14.	Business & Office	812,964	41,359	43,013	19,029	21,999	7,153	9,871
04.	Distributive	333,381	15,847	16,798	3,029	3,938	990	1,148
16.	Technical	75,789	5,980	6,330	1,853	2,261	10,876	11,311
17.	Trade/Industrial	1,649,567	93,695	97,443	10,194	16,005	8,067	14,601
07.	Health	182,605	18,221	19,314	441	1,446	7,167	7,955
TOTAL	All Fields	3,349,191	189,557	198,502	37,898	50,401	35,457	46,452

1/ Source of Data: 1960 Census and 1970, 1975 Projected Total Employment by Occupation, by Residence, by State, by Major Areas and Counties in Major Areas and Selected Smaller Areas, Department of Labor and Industry, Bureau of Employment Security, Labor Market Information Section, January 1969 and Norman K. Hoover (et al.), Off-Farm Agricultural Occupations in Pennsylvania, Department of Agricultural Education, The Pennsylvania State University, 1966. Projected Employment by Industry, Pennsylvania Office of State Planning and Development and unpublished 1970 Census Data on Occupation by Industry, Pennsylvania Bureau of Employment Security.

2/ Source of Data: Projections based on the data in the publications: Arnold, Walter M., Vocational, Technical and Continuing Education in Pennsylvania: A Systems Approach to State-Local Program Planning, (Harrisburg: Pennsylvania Department of Education, 1969) and Hoover (et al.), op. cit.

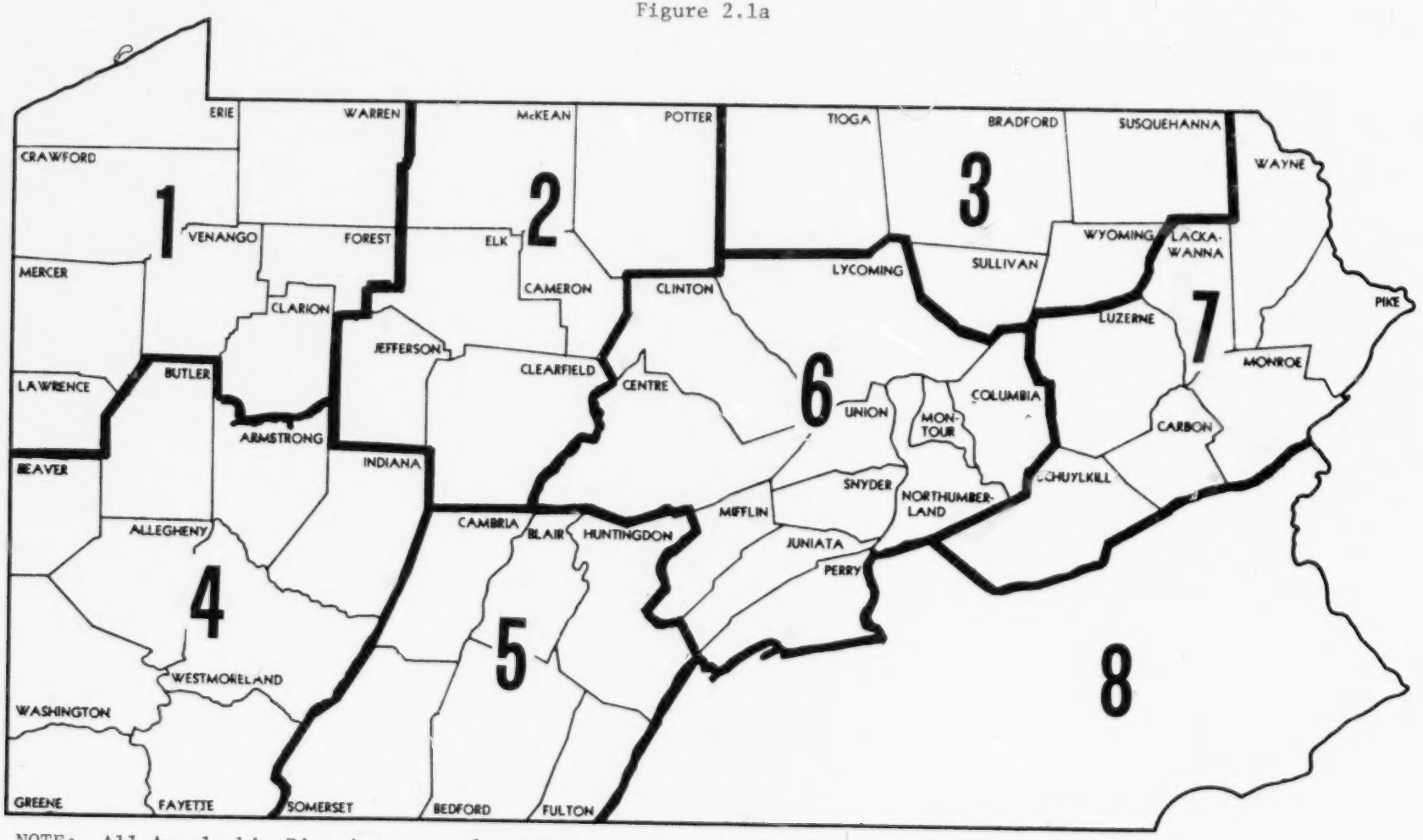
3/ Vocational Education Output refers to the supply of trained graduates from public secondary schools. Supply data was primarily based upon estimates which were calculated from 1971-72 annual reports from: VEMIS System, a comprehensive vocational education management information system, Pennsylvania Bureau of Vocational Education, reporting forms DEBE 686-687 and adjusted graduate supply based upon VEMIS placement rates from vocational education programs, March 15, 1972.

4/ Other Sectors Output refers to the supply of trained graduates from Community Colleges, Private Trade and Technical Schools. MDTA Programs, State Retraining Act Program, Two-Year Programs in Four-Year Colleges and Universities, Private Junior Colleges. The relationship of these training agencies is described in the publication: Franchak, Stephen J. and Bruno, Nancy L., Planning Vocational Education Programs in Pennsylvania: Guidelines for the Use of Labor Market Information, 1st rev. ed., (Harrisburg: Pennsylvania Department of Education, 1971).

APPALACHIA DISTRICTS

Economically Depressed Areas

Figure 2.1a

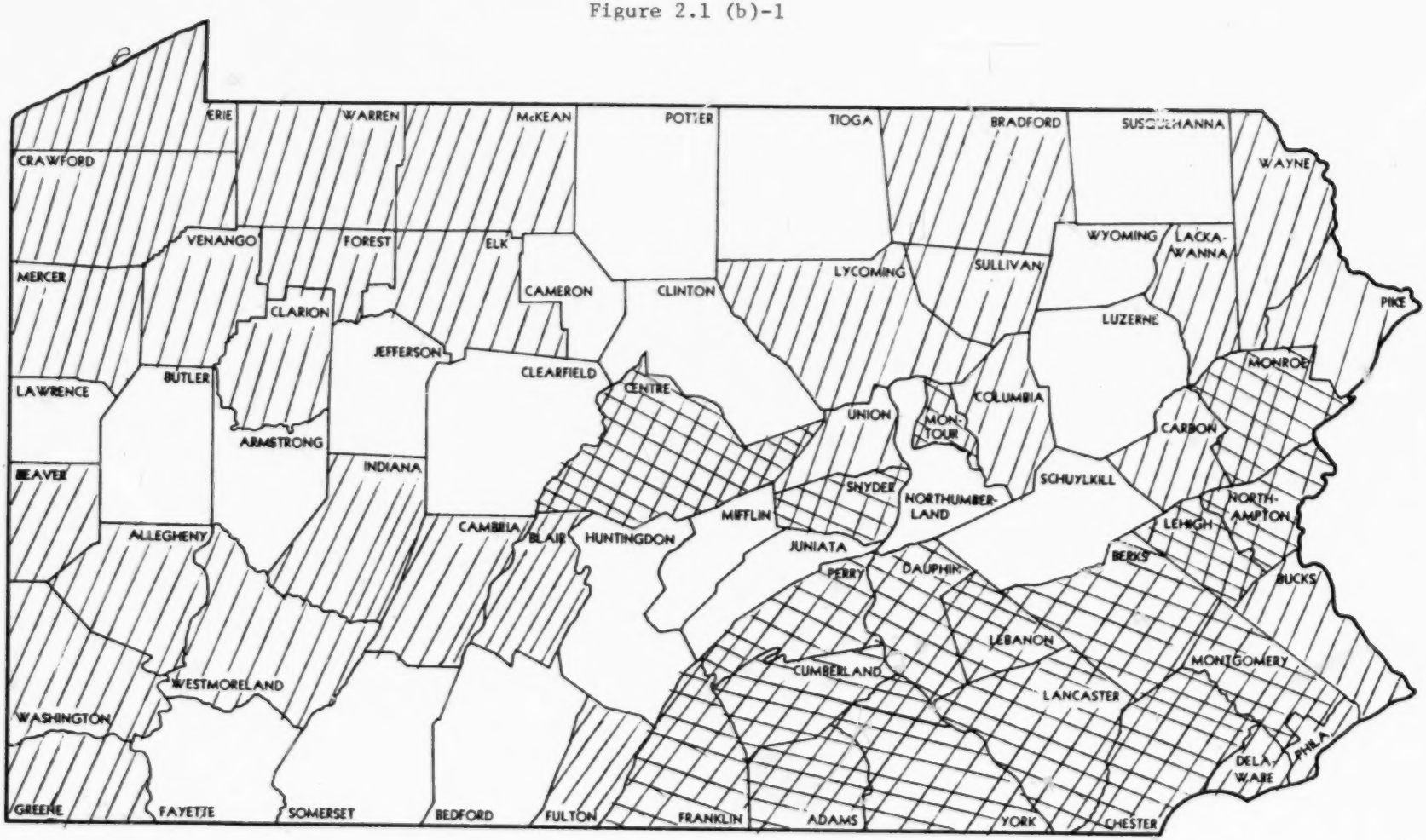


NOTE: All Appalachia Districts are classified as economically depressed areas.

1 Northwest district
2 North Central district
3 Northern tier district
4 Southwest district
5 Turnpike district
6 Central Susquehanna Basin
7 Northeast district
8 Non Appalachia areas

UNEMPLOYMENT RATES BY COUNTY FOR PENNSYLVANIA

Figure 2.1 (b)-1



Greater Than 7%

5% to 7%

Less Than 5%

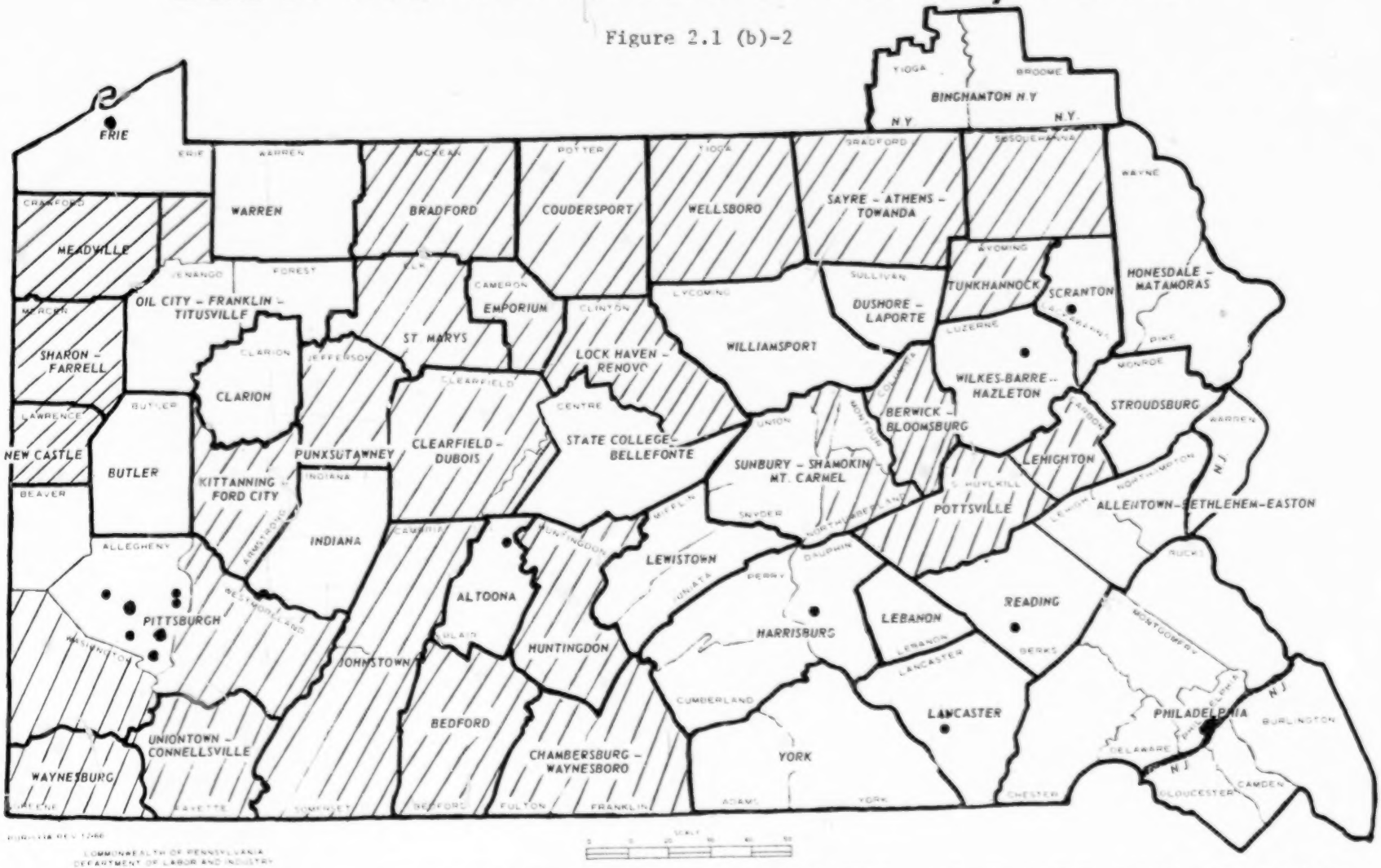
Pennsylvania Average: 5.3%

Source: Based upon estimates for Pennsylvania Bureau of Employment Security Office, 1972

SECTIONS OF CONCENTRATED UNEMPLOYMENT OR UNDEREMPLOYMENT

Labor Market Areas of Pennsylvania

Figure 2.1 (b)-2



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF LABOR AND INDUSTRY

Sections of Concentrated Unemployment or Underemployment

• Parts of Concentrated Unemployment or Underemployment

Source: U.S. Department of Labor, Manpower Administration, "Area Trends in Unemployment and Underemployment", Jan. 1973, page 23.

EMPLOYMENT STATUS OF THE TOTAL CIVILIAN NONINSTITUTIONAL POPULATION 16 YEARS AND OVER BY COLOR, SEX, AND AGE (NUMBER IN THOUSANDS)

Figure 2.1 (c)

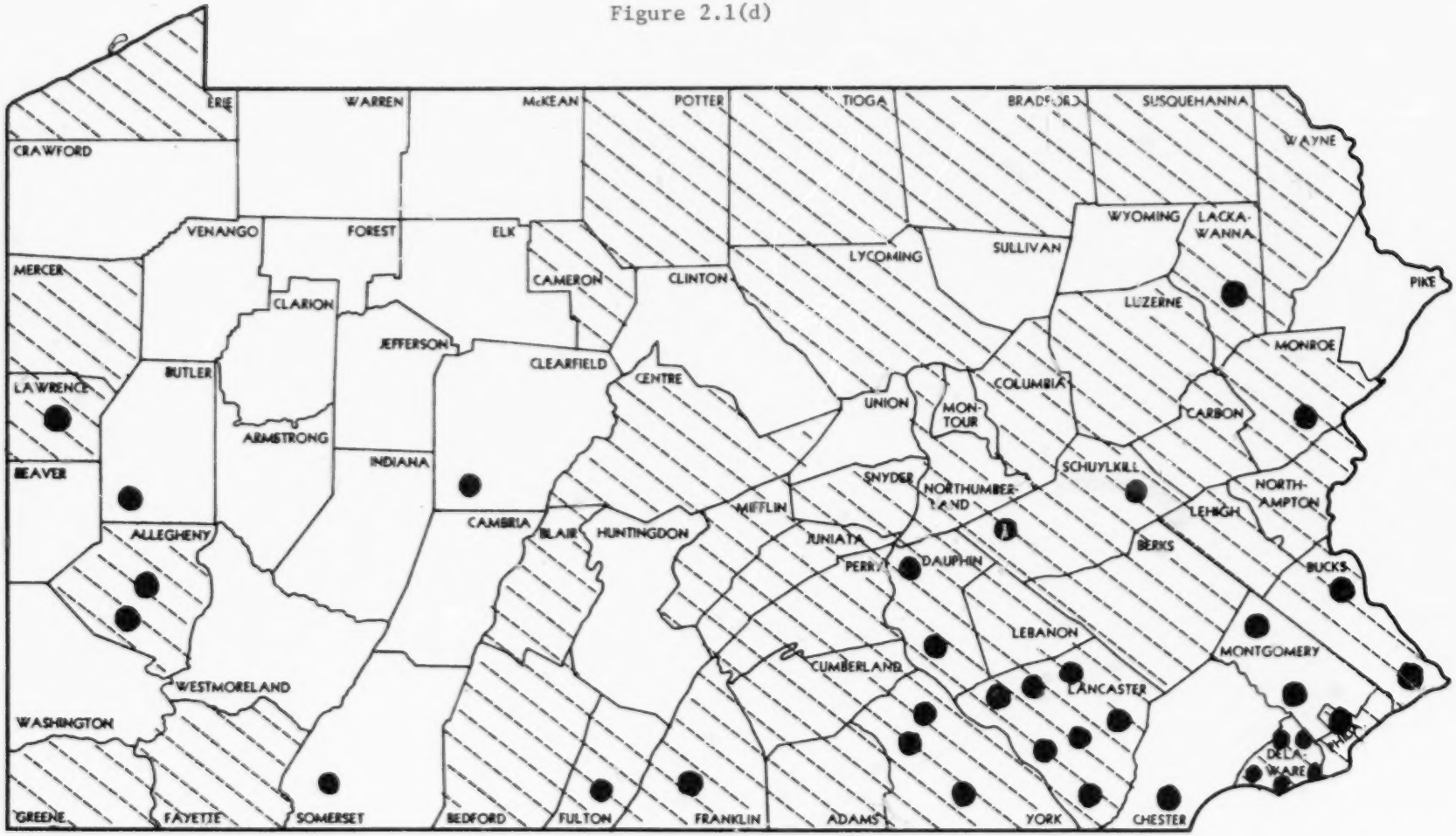
Geographic Area	Civilian Non-Institutional Population	Civilian Labor Force		Employment	Unemployment Rate	
		Number	Participation Rate			
Pennsylvania					Level	Rate
Total	8,416	4,826	57.3	4,564	261	5.4
White	7,718	4,425	57.3	4,199	226	5.1
Men 20 Years and over	3,242	2,623	80.9	2,521	102	3.9
Women 20 Years and over	3,711	1,435	38.7	1,369	66	4.6
Both Sexes 16-19 Years	765	367	48.0	309	58	15.8
Negro and Other Races	698	401	57.4	365	35	8.8
Men 20 Years and over	276	213	77.2	196	17	8.0
Women 20 Years and over	341	157	46.0	149	8	5.1
Both Sexes 16-19 Years	81	DNA*	DNA	DNA	DNA	DNA

*DNA = Data Not Available

Source: U.S. Department of Labor, Bureau of Labor Statistics, "Geographic Profile of Employment and Unemployment," 1971, Report 402.

Areas of High Dropout Rate
By County, Pennsylvania 1971-1972

Figure 2.1(d)



Dropout rate higher than Pennsylvania median (1.6%) dropout rate.

Location of school districts having a dropout rate greater than 3.5%.

TABLE 2

POPULATION CHARACTERISTICS

1. General Population	1970[1] Census	1974[2] Projected	1978[2] Projected
Total	11,793,909	12,000,026	12,138,767
Urban	8,430,410	8,577,739	8,676,912
Male	3,995,704	4,065,530	4,112,535
White	3,521,526	3,583,071	3,624,497
Black	457,236	465,222	470,601
Other	16,942	17,237	17,437
Female	4,434,706	4,512,209	4,564,377
White	3,892,208	3,960,225	4,006,012
Black	524,714	533,892	540,062
Other	17,784	18,093	18,303
Rural	3,363,499	3,422,287	3,461,855
Male	1,669,710	1,698,891	1,718,534
White	1,647,970	1,676,774	1,696,162
Black	19,430	19,768	19,996
Other	2,310	2,349	2,376
Female	1,693,789	1,723,396	1,743,321
White	1,676,028	1,705,329	1,725,045
Black	15,134	15,396	15,574
Other	2,627	2,671	2,702
White	10,737,732	10,925,399	11,051,716
Nonwhite	1,056,177	1,074,627	1,087,051
Male	5,665,414	5,764,421	5,831,069
White	5,169,496	5,259,845	5,320,659
Black	476,666	484,990	490,597
Other	19,252	19,586	19,813
Female	6,128,495	6,235,606	6,307,698
White	5,568,236	5,665,554	5,731,057
Black	539,838	549,288	555,636
Other	20,411	20,764	21,005

1/ 1970 Census of Population, U.S. Department of Commerce, Bureau of the Census, PC (1)-B40 Pa. - "General Population Characteristics"

2/ Pennsylvania Department of Education, 1971-1980 Population Projections for Pennsylvania, Counties and Major Cities.

TABLE 2 (Continued)

2. State Population (16-21)	1970[3] Census	1974[4] Projected	1978[4] Projected
Total	1,201,941		
16 year age	222,552	236,220	221,590
White	200,817	213,141	199,940
Black	21,210	22,511	21,117
Other	525	568	533
17 year age	219,638	231,932	229,103
White	199,143	210,269	207,704
Black	19,956	21,059	20,802
Other	539	603	596
18 year age	212,665	230,541	237,626
White	192,771	208,962	215,384
Black	19,217	20,817	21,457
Other	677	761	784
19 year age	192,159	227,875	224,730
White	173,540	205,793	202,953
Black	17,916	21,237	20,944
Other	703	844	832
20 year age	182,041	210,307	219,568
White	164,119	189,591	197,940
Black	17,151	19,810	20,683
Other	771	905	944
21 year age	172,886	207,583	215,581
White	156,213	187,551	194,777
Black	15,939	19,118	19,855
Other	734	913	948

3/ PC(1)-B40 Pa.
4/ Estimated

TABLE 2 (Continued)

3. Secondary School Enrollment[5/]

	1970 Data	1974 Projected	1978 Projected
Total	1,319,747	1,329,000	1,216,600
Public	1,102,163	1,145,200	1,059,700
7-9 Grade	564,684	563,400	508,000
White	495,058	493,932	445,363
Black	64,940	64,791	58,370
Other	4,686	4,676	4,267
10-12 Grade	537,479	581,800	551,700
White	482,279	522,049	495,040
Black	52,567	56,901	53,956
Other	2,633	2,850	2,703
NonPublic	217,584	183,800	156,900
7-9 Grade	124,389	101,900	84,300
10-12 Grade	93,195	81,900	72,600

4. Postsecondary School Enrollment

	1972	1974	1978
Total	29,844	31,000	40,000
Female	11,655	12,000	16,000
Male	18,189	19,000	24,000
White	27,678	28,000	34,500
Black	1,985	2,800	5,000
Other	181	200	500
Disadvantaged	1,409	2,000	5,000

5/ Pennsylvania Department of Education, "Projections - Selected Educational Statistics for Pennsylvania to 1981-82."

4.0 Annual and Long-Range Planning and Budgeting Plan

4.01 Table 3, pages 1 and 2 provides the annual and long-range programs, services and activities for developing vocational education in Pennsylvania for the fiscal years 1974-1978.

4.02 In developing Table 3, due consideration was given to the projected goals and recommendations for expanding vocational education opportunities in Pennsylvania that were developed by the Pennsylvania Department of Education. These goals and recommendations are prefixed Marked I.

4.03 Only those activities projected for fiscal year 1974 that can be given a meaningful measure are measured in the column, Activities FY 1974.

4.04 Under the column of total budgeted funds in Table 3, the amount of federal, state and local funds is given for entry. The totals are broken out in Table 6 under federal, state plus local.

4.1 Rationale for Stated Goals and Objectives - Table 3

4.11 Changing economic, political and technological conditions dictate the need for vocational education programs in the Commonwealth. Therefore, emphasis will be placed on continuing productive vocational programs, starting new vocational programs, expanding existing vocational programs and discontinuing unproductive vocational programs in order to adjust to the changing labor market needs at the state and local levels.

4.12 Level of Instruction

4.121 Elementary:

All elementary students in the Commonwealth should be provided with career awareness activities. Vocational education, as a significant factor of career education, can provide assistance to elementary personnel in initiating and improving activities in support of career awareness. Through these activities, better career choices will be made thus making the skill development more productive for the student as well as being an economic asset for the state and local areas.

4.122 Secondary:

Secondary students in sparsely populated areas of the state do not generally have access to a variety of vocational education programs. In addition, because of physical and financial constraints, other areas report difficulties in terms of serving all students. Consideration must be given to develop alternative strategies to better serve the secondary student population. Specific areas of the state will be designated as priority locations.

Curriculum design will be directed toward reducing the seriousness of differences among educational/training preparation, student career choice and industry requirements. The major factors will be considered in achieving the congruence between educational training and the world of work.

4.123 Postsecondary:

Based on the numbers of school dropouts, the high school graduates who lack salable skills for entry into the labor market

and the vocational graduates who desire or require additional preparation, there exists a need for expanded programs at the postsecondary level (or an overhaul of the secondary program).

Effort must be directed toward developing strategies and procedures for articulation between the secondary and post-secondary programs. This will reduce duplication of effort and will enhance the career development and career ladder concept for the student.

Certain geographic areas offer many opportunities while other areas offer few. Attempts to equalize the division based upon needs will be made in light of existing constraints within the state and concerned local areas.

4.124 Adult:

The need for retraining programs to teach new skills and/or improve old skills is supported by industry and workers alike. In addition, there exists a number of adults who lack the requisite basic literacy education and skill training to function in the world of work. In order to satisfy the needs, vocational education programs must be developed with sufficient flexibility to meet the needs of industry and the personal aspirations of all the population, regardless of past career experiences or the area of the state in which they reside.

4.13 Target Populations

4.131 General:

Evidence exists to support the notion that many students in and out of school lack vocational preparation for effective adjustment in the world of work. Priority attention will be

given to identify alternative strategies and procedures to provide meaningful and relevant programs to meet those needs.

The need is statewide although the solutions to meet this need cannot be so universally applied.

4.132 Disadvantaged:

The need for satisfying the vocational objectives for the disadvantaged continues to be a priority. Programs to provide career awareness activities at the elementary level, and skill exploration and skill development at the secondary need to be improved upon and new ones developed. The post-secondary and adult level can offer programs to retrain and re-educate where the need exists.

The development of strategies and procedures for modifying existing vocational programs and developing special programs to offer meaningful experiences for the disadvantaged exists across the state. Programs in certain areas which have shown favorable results will be considered for implementation elsewhere.

4.133 Handicapped:

There is a need for greater efforts to identify and provide programs for meeting the occupational requirements of the handicapped. It has been shown that handicapped persons can perform on-the-job in many occupations. Priority attention should be directed to developing the abilities of this population at the elementary, secondary and adult levels. Where adjustments to existing programs or facilities need to and can be made, a maximum effort should be expended. In addition, existing programs in centers for the handicapped should be granted full review to capitalize on vocational education opportunities.

TABLE 3 - Pages 1 and 2

Annual and Long Range Planning and Budgeting

Pages II - 16 to II - 93

- - - - - - - - - - -

Arranged in Order of Program/Purpose
Table 6 - Page II - 96

Estimates of Total Funds Needed for Vocational Education
and Annual Allocation Plan

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-11 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. Continue and improve existing instructions in vocational-technical education presently meeting labor market needs.	1. Continue 3,885 programs in comprehensive and area vocational-technical schools.	3,793	3,885	4,088
2. Establish and develop vocational education in areas not presently served or in those school districts located in geographical areas where unique educational problems exist.	1. Increase the percentage of public secondary vocational educational programs in 10 areas.	5%	10%	20%

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Secondary
B-1

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Yearly field staff visits to all vocational-technical programs for continued program approval.	100,000 (B-1) F 90,000 L 10,000	Alignment of programs with state guidelines.
1b. Regional field staff will visit and assess the 800 state and local programs to determine the degree to which goals and objectives are being met.	541,238 (B-1) F 200,000 L 341,238	Better planned programs, improved instruction and enhanced employability.
1c. Continuous regional field staff services to all local programs.	Included 1b	Liaison between LEA and State staff.
1a. Develop a set of guidelines for establishment of 10 unique programs of vocational education.	200,000 (B-1) F 200,000	Equal opportunities for all students including handicapped and disadvantaged in all communities for vocational education.
1b. Establish a set of funding policies for districts where unique problems exist.	Included 1a	Equal opportunities for all students including handicapped and disadvantaged in all communities for vocational education.
1c. Provide special staff assistance from the three regional offices.	Included 1a	Equal opportunities for all students including handicapped and disadvantaged in all communities for vocational education.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-11 for rationale

Population Served:

Goals	Objectives	Outcomes 1973	1974	1978
3. Continue expansion and improvement of secondary vocational education programs throughout the state so that every high school student will have an opportunity to achieve a marketable skill upon leaving school.	1. Develop and expand 95 programs in new high-growth occupational areas.	71	95	233
	2. Maintain 152,876 student participation to meet labor market requirements.	145,073	152,876	175,000
	3. Continue needed programs in comprehensive and area vocational-technical schools.	3,793	3,885	4,088
	4. Increase enrollments in vocational programs with emphasis on minority students.	3,700	7,803	21,000
	5. Increase number of innovative courses.	25	40	95

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Secondary
B-1

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. More attention to curriculum planning including analysis of labor market demands and training needs in 10 areas.	1,000,000 (B-1) F 300,000 L 700,000	Better alignment of training programs to industry needs.
Strengthen efforts to stimulate 50 local schools to use advisory committees more effectively.	1a	Programs will be closer related to industry needs and standards.
Develop guidelines to assist 87 local regional planning units in making program decisions.	1a	Will promote programs activities which demand priority development.
2a. Approve and implement all state and local programs which meet approved standards by which goals and objectives are being met - continuing programs.	45,000,000 (B-1) F 2,200,000 S 6,900,000 L35,900,000	Closer relation between state and local needs.
Develop and revise 10 curriculum guidelines.	1a	Improved instruction by teachers and improved curriculum for students.
3a. Review, process and fund 95 new and expanded vocational-technical programs.	37,000,000 (B-1) F 1,964,300 S 9,677,000 L25,358,700	Better planned programs, improved instruction and enhanced employability.
4a. Strengthen efforts to stimulate all local schools to enroll students from all walks of life.	100,000 (B-1) F 50,000 L 50,000	Programs will meet the long-range needs of society.
5a. Develop and revise curriculum materials for 40 new and emerging occupations.	200,000 (B-1) F 50,000 L 150,000	More relevant programs meeting state and local needs.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
4. Emphasize the need for bringing vocational-occupational programs, enrollment and completions into closer relationship with current and projected labor market needs.	1. Increase number (249) schools which periodically analyze labor market needs and modify their curriculum accordingly.	258	507	1,032
5. Emphasize the recruitment of minority vocational educators.	1. Increase the number (15) of minority teachers, counselors and administrators.	25	40	90
6. Continue to provice special assistance in establishing and developing vocational education in areas not adequately served or in those school districts located in geographical areas where unique educational problems exist.	1. Increase number (20) of public secondary schools offering a broad-based vocational program.	30	50	110

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Secondary
B-1

Funds: F = Federal
S = State
L = Local

	Activities F.Y 1974	Budgeted Total Funds	Benefits
1a.	Continuous state office and field consultant services to assist local administrators in continual review of programs.	1,500,000 (B-1) F 500,000 L 1,000,000	Better planned and more diversified offerings.
1b.	Study existing labor market areas (15) to determine which training is in demand and promote development of new curriculums in these areas.	1a Above	Closer relationship between courses offered and labor market needs.
1a.	Recruit educators from minority groups to be employed in vocational education.	25,000 (B-1) L 25,000	Extended opportunities for all groups to participate in vocational education.
1a.	Establish guidelines for establishment of unique programs of vocational education.	250,000 (B-1) F 250,000	Equal opportunities for all students including handicapped and disadvantaged in all communities for vocational education.
	Establish funding policies for districts where unique educational problems exist.	1a Above	Provide suggestions for program development to local administrators.
	Special consultant services to administrators in these areas.	1a Above	

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
7. More effective placement of graduates from vocational programs.	1. Increase the participation in postsecondary education programs related to seven major areas of vocational study.	15%	20%	25%
8. Intensify development of youth leadership through participation in vocational youth organizations.	1. Increase membership in vocational youth organizations by 2,200.	35,000	37,200	47,000
9. Intensify and improve higher education programs for vocational teachers, supervisors and administrators.	1. Increase enrollments in inservice and preservice education in relation to program needs by 1,610.	4,100	5,710	5,610

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Secondary
B-1

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Provide leadership for articulation between all secondary and post-secondary career programs.	150,000 (B-1) F 50,000 L 100,000	Identification of ways to improve local vocational programs.
1b. Develop a set of job placement service ideas for local schools to plan, organize and administers a job placement service.	Included 1a	Better informed and knowledgeable placement personnel.
1c. Analyze data from follow-up of student classes 1971-72 and 1973 to assist in program development.	Included 1a	More effective placement of students in jobs for which trained.
1a. Systematic leadership training for 100 vocational youth organization State officers.	100,000 (B-1) F 10,000 L 90,000	Increased and expanded leadership proficiency for state and local youth officers and advisors.
1b. Encourage the development of five vocational youth organizations as and integral part of the instructional program.	Included 1a	Increased and expanded leadership proficiency for state and local youth officers and advisors.
1a. Review, revise and expand all teacher competency requirements.	4,899,762 (B-1) F4,899,762	Update existing staff and training new staff required.
1b. Encourage expansion and improve programs of teacher education in 28 institutions.	Included 1a	A source of qualified teachers for replacement and new programs. Also updated and upgraded teacher education programs.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
9. Intensify and improve higher education programs for vocational teachers, supervisors and administrators.	2. Update four teacher education curriculum to improve competencies of vocational education personnel.	11	15	21
	3. Increase the number of teachers participating in inservice activities related to instructional media and individualized instruction by 300.	2,100	2,400	3,000

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Secondary
B-1

Funds: F = Federal
S = State
L = Local

	Activities F.Y 1974	Budgeted Total Funds	Benefits
2a.	Continue to seek well qualified teacher-coordinators for 67 vocational schools.	100,000 (B-1) L 100,000	Outstanding programs will be assured.
2b.	Encourage the 29 teacher education institutions to offer relevant courses.	Included 2a	Teacher education programs will attract capable instructors.
2c.	Include five youth organization activities in teacher education.	Included 2a	More active youth organization.
2d.	Review, revise and expand teacher all competency requirements.	Included 2a	More competent vocational teachers will result.
3a.	Expand teacher education opportunities for instructors in 3 correctional institutions.	1,000,000 (B-1) L 1,000,000	Increase effectiveness of teachers in programs of vocational-technical education.
3b.	Explore the new learning systems combininb laboratory and theory instruction to teach principles through application.	Included 3a	Increase effectiveness of teachers in programs of vocational-technical education.
3c.	Provide 10 workshops for updating teachers methods, materials and curriculum changes.	Included 3a	Increase effectiveness of teachers in programs of vocational-technical education.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served:

Goals	Objectives	Outcomes 1973	1974	1978
1. To improve the quality of instruction, and to increase the number of pupils served through the construction of well designed and equipped permanent area vocational education centers.	1. Increase the number of vocational education instructional laboratories in locations where the need for this type of education exists.	15	25	67
	2. Increase the number of pupils served by vocational education.	600	1,200	2,500
2. Expand and strengthen the vocational aspects of guidance and counseling programs consistent with student educational and aspirational levels.	1. Counselors (300) will understand the program components necessary to operationalize effective vocational guidance practices appropriate to all grade levels as well as to possess a working knowledge of business and industrial expectations.	35%	50%	80%
	2. Counselors (300) will use a career development syllabus to integrate career guidance practices within curriculum areas.	10%	20%	80%

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Multi-Level
B-1

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Provide financial aid to assist in developing programs in 10 eareas not served by vocational education.	1,250,000 (B-1) F 250,000 L1,000,000	Vocational education offerings are provided for more members of society.
2a. Provide vocational education opportunities for 600 pupils in permanent area centers.	Included 1a	Vocational education offerings are provided for more members of society.
1a. Develop handbook to increase the flow of career information to parents before students make a course choice.	150,000 (B-1) F 50,000 L 100,000	More efficient counseling result in a more effective use of vocational education facilities.
2a. Promote career guidance practices in all vocational schools.	Included 1a	More efficient placement of graduates in fields for which educated.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
3. Conduct inservice activities aimed at preparing vocational education personnel to plan, initiate, administer and promote career development programs for youths and adults.	1. Increase the number of vocational educators attending career development education workshops, conferences and institutes.	200	250	300
4. Conduct inservice programs for improving the performance of vocational educators and guidance counselors serving disadvantaged or handicapped individuals.	1. Increase the number of vocational educators and guidance counselors attending seminars, conferences or workshops devoted to improving techniques for educating the disadvantaged and handicapped.	150	200	300

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Multi-Level
B-1

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Plan and conduct workshops in 87 intermediate units for vocational educators with emphasis on career development.	250,000 (B-1) F 50,000 L 200,000	Better qualified instructors will result.
1a. Increase awareness of services available to 200 guidance counselors and provide for their attendance at conferences and seminars in their areas.	100,000 (B-1) F 10,000 L 90,000	Better qualified personnel to administer, counsel and conduct disadvantaged and handicapped programs will be available.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Postsecondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. To increase the educational opportunities offering occupational programs for persons needing and desiring these types of curriculums.	1. To increase the total number of students engaged in postsecondary occupational educational programs.	42,480	44,604	52,099
	2. To increase the number of program offerings in postsecondary occupational educational institutions.	626	630	690
	3. To increase the percentage of students employed upon completion of secondary occupational educational programs.	88%	89%	93%
	4. To increase the percentage of students completing postsecondary occupational educational programs.	25%	35%	55%

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Postsecondary
B-2

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Stimulate the articulation and coordination between secondary and postsecondary institutions. Develop and expand 626 existing program in postsecondary occupational educational institutions.	11,433,000 (B-2) F 3,630,000 S 4,000,000 L 3,803,000	Youth and adult will have greater opportunity to prepare for employment in meeting the demands of the labor market.
2a. Identify 5 new programs in areas of greatest need in meeting the labor market demands.	1,429,000 (B-2) F 500,000 L 929,000	Youth and adult will have greater opportunity to prepare for employment in meeting the demands of the labor market.
2b. Provide inservice programs for 30 directors of postsecondary education.	Included B-2	Youth and adult will have greater opportunity to prepare for employment in meeting the demands of the labor market.
3a. Identify 5 new programs in areas of greatest need in meeting the labor market demands.	3,000,000 (B-2) F 1,250,000 L 1,750,000	Youth and adult will have greater opportunity to prepare for employment in meeting the demands of the labor market.
3b. Provide inservice programs for 30 directors of postsecondary education.	Included B-2	Youth and adult will have greater opportunity to prepare for employment in meeting the demands of the labor market.
4a. Identify 5 new programs in areas of greatest need in meeting the labor market demands.	70,000 (B-2) F 20,000 L 50,000	Youth and adult will have greater opportunity to prepare for employment in meeting the demands of the labor market.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Postsecondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
1. To increase the educational opportunities offering occupational programs for persons needing and desiring these types of curriculums.	1. To increase the total number of students engaged in postsecondary occupational educational programs.	42,480	44,604	52,099

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Postsecondary
B-2

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
4b. Provide inservice programs for 30 directors of postsecondary education.	Included 4a	Youth and adult will have greater opportunity to prepare for employment in meeting the demands of the labor market.
4c. Continue to develop the automated student follow-up information system.	Included 4a	Youth and adult will have greater opportunity to prepare for employment in meeting the demands of the labor market.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Adult - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. Provide occupational educational opportunities for adults who require training or retraining to maintain or improve their employment status.	1. Increase the numbers of adults enrolled in occupational education programs.	57,342	60,209	72,250
	2. Increase the guidance and placement services for adults enrolled in occupational education programs in all schools offering adult programs.	25%	35%	100%
	3. Provide 600 schools with assistance in developing comprehensive occupational educational programs.	25%	35%	100%

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Adult
B-3

Federal: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. The number of schools offering adult occupational educational programs will increase by approximately ten.	12,122,000 (B-3) F1,148,000 S2,800,000 L8,174,000	Adults will have increased educational opportunities.
1b. The number of program and course offerings in adult occupational educational programs will increase by approximately ten.	Included 1a	Communities will have a larger supply of trained personnel.
1c. Ten occupational programs for handicapped adults will be expanded.	Included 1a	Handicapped adults will receive additional education.
2a. The number of guidance and placements personnel assigned responsibility for adult programs will increase by approximately ten.	1,350,000 (B-3) F 350,000 L 1,100,000	Adults will receive hlep in analyzing personal characteristics and increase job satisfaction.
3a. Provide inservice programs for 30 directors of adult education.	15,000 (B-3) F 2,000 L 13,000	Schools will offer relevant occupational courses.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
1. Provide employable skills to the disadvantaged students through expanded vocational programs and special services.	1. Increase the enrollment of disadvantaged students in vocational programs.	20,654*	21,700*	25,500*

*These figures include only the students who are enrolled in approved vocational programs. No statistics are included for the disadvantaged students who are in pre-vocational programs or who are receiving other services, but are not enrolled in an approved vocational program at the present time.

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Secondary - Disadvantaged
B-4 and Part A

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Develop three model vocational programs for potential dropouts or for persons who already dropped out of the school's program.	250,000 (Part A - Dis.) F 250,000	Reduce the dropouts and help them to become gainfully employed.
1b. Provide remedial services including reading, mathematics, special guidance and placement services for 20,000 students.	3,000,000 (B-4) F2,000,000 L1,000,000 175,000 (Part A - Dis.) F 175,000	Better chances of success for the disadvantaged students to become gainfully employed.
1c. Develop two model vocational programs for disadvantaged students in correctional institutions or in institutions for neglected children.	110,000 (Part A - Dis.) F 110,000	Provide vocational skills to these disadvantaged students prior to their release from the institutions.
1d. Modify 75 existing vocational educational programs to serve disadvantaged students including cooperative and diversified occupations.	1,000,000 (B-4) F 700,000 L 300,000 120,000 (Part A - Dis.) F 120,000	Increase number of disadvantaged students who will obtain marketable skills through vocational programs.
1e. Provide 60 pre-vocational programs to low-level students and economically disadvantaged including summer programs and programs at the 9th and 10th grade levels.	750,000 (B-4) F 400,000 L 350,000	Increase the number of disadvantaged students placed in vocational programs.
1f. Develop and implement 50 vocational programs that can serve disadvantaged students who require specialized vocational programs, including diversified occupations and contracted services.	690,000 (B-4) F 590,000 L 100,000 980,000 (Part A - Dis.) F 980,000	Provides an opportunity for disadvantaged students to obtain employable skills that cannot succeed in regular vocational programs.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. Provide employable skills to the disadvantaged students through expanded vocational programs and special services.	1. Increase the enrollment of disadvantaged students in vocational programs.	20,654	21,700	25,500
	2. Increase the number of vocational teachers and guidance counselors that are able to recognize and meet the needs of the disadvantaged students in vocational educational programs.	20%	30%	60%

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Secondary - Disadvantaged
B-4 and Part A

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1g. Develop three model vocational programs for adults or youth who are underemployed or unemployed.	150,000 (Part A - Dis.) F 150,000	Up-grades the vocational of these disadvantaged individuals and reduce the unemployment rate.
1h. Develop two model vocational programs for unwed teenage parents.	75,000 (Part A - Dis.) F 75,000	Provides meaningful vocational program to help these disadvantaged students become employable.
1i. Provide additional equipment where necessary to implement vocational programs for 21,700 disadvantaged students.	947,000 (B-4) F 947,000 100,000 (Part A - Dis.) F 100,000	More disadvantaged students will be enrolled in vocational programs.
2a. Provide 30 inservice programs to facilitate the implementation of the above activities to achieve the overall goal.	275,000 (B-4) F 200,000 L 75,000 40,000 (Part A - Dis.) F 40,000	Increased effectiveness of the teaching of the disadvantaged students in vocational programs thus helping more disadvantaged students obtain employable skills.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. Provide handicapped students employable skills before completing their high school programs.	1. Increase the number of handicapped students receiving vocational education that are enrolled in senior high school programs.	35	40	75
	2. Increase the number of vocational teachers and guidance counselors that are able to provide vocational training and counseling for the handicapped.	25	50	100

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Handicapped
B-5

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Set up facilities at 35 area vocational-technical schools for remedial services to handicapped students, including special guidance, reading, mathematics and placement services.	2,021,080 (B-5) F1,500,000 L 521,080	A vocational program that is relevant the needs of handicapped will be established to integrate handicapped students into regular vocational programs.
1b. Develop and implement 40 vocational programs that can serve handicapped students in existing vocational educational programs.	1,073,690 (B-5) F 531,305 L 542,385	A vocational program that is relevant the needs of handicapped will be established to integrate handicapped students into regular vocational programs.
1c. Develop and implement 30 vocational programs that can serve handicapped students who require specialized vocational programs, including diversified occupations, sheltered workshop training, and contracted services.	1,374,535 (B-5) F 850,000 L 524,535	A vocational program that is relevant the needs of handicapped will be established to integrate handicapped students into regular vocational programs.
2a. Provide 20 inservice programs to facilitate the implementation of the above activities to achieve overall goal.	118,695 (B-5) F 118,695	A vocational program that is relevant the needs of handicapped will be established to integrate handicapped students into regular vocational programs.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
1. To improve the quality of instruction and to increase the number of pupils served through the construction of well designed and equipped permanent area vocational-technical education centers.	1. Increase the number of vocational education instructional laboratories in locations where the need for this type of education exists by eight expansion projects.	10	8	9

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Construction
B-6

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Projects (13) are in various states of planning and development and provide some evidence that construction will be started during this fiscal year:		Permanent centralized facilities having up-to-date equipment to provide effective programs of vocational-technical education.
2 - New building construction projects	$10,500,000 (B-6) F 3,675,000 S 1,575,000 L 5,250,000	
8 - Expansions to existing area vocational-technical schools	$20,034,000 (B-6) F 7,011,900 S 3,005,100 L10,017,000	
3 - Renovations to existing buildings to accommodate vocational education programs.	$ 9,000,000 (B-6) F 3,150,000 S 1,350,000 L 4,500,000	

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. Expand and strengthen the vocational aspects of guidance and counseling programs consistent with student educational and aspirational levels.	1. Counselors (300) will understand the program components necessary to operationalize effective vocational guidance practices appropriate to all grade levels as well as to possess a working knowledge of business and industrial expectations.	35%	50%	100%
	2. Counselors (300) will use a career development syllabus to integrate career guidance practices within curricular areas.	---	25%	100%

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Guidance and Counseling
B-7

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Conduct 10 inservice programs for counselors dealing with: career development theory, developmental tasks, career guidance practices, familiarization with business and industry, and alternate routes to success.	40,000 (B-7) F 36,000 L 4,000	Students will realize more positive educational experiences through the counselor's improved handling of the vocational aspects of guidance.
1b. Provide 90 on-site consultative assistance and materials to school district guidance staffs concerning improvement of vocational aspects of program efforts.	60,000 (B-7) F 54,000 L 6,000	Students will realize more positive educational experiences through the counselor's improved handing of the vocational aspects of guidance.
2a. Select three pilot schools and begin initial orientation of guidance staffs of these schools regarding the task of implementing a career development program as an integral part of the total educational process.	35,000 (B-7) F 31,500 L 3,500	Students will realize more positive educational experiences through the counselor's improved handling of the vocational aspects of guidance.
2b. Conduct implementation program activities at the school district (505) level related to a career development syllabus including special learning activities and resources for all grade levels as well as sub-populations.	99,000 (B-7) F 89,100 L 9,900	Students will receive a systematized program of career guidance experiences beginning in the early grades and containing throughout the school years based on a developmental model.
2c. Maintain a centralized career resource center to serve both as a repository and diffusion center for resource materials needed in implementing a curriculum-based, career development program for students at all grade levels.	20,000 F 18,000 L 2,000	Students will receive a systematized program of career guidance experiences beginning in the early grades and containing throughout the school years based on a developmental model.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. Expand and strengthen the vocational aspects of guidance and counseling programs consistent with student educational and aspirational levels.	3. Occupational scripts prepared for each labor market region will be available for 100 per cent of the 507 school districts.	100%	100%	100%
	4. One thousand two hundred counselors will utilize appropriate reference materials to upgrade the vocational aspects of guidance programs.	75%	80%	100%

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Guidance and Counseling
B-7

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
3a. Continue development of additional occupational scripts for student use including local and national labor market data in conjunction with employment security offices and craft and technical associations for 700 schools.	10,000 (B-7) F 9,000 L 1,000	Students will have ready access to current occupational information pertaining to their local labor market.
3b. Update and revise Pennscripts in the original deck. (Issued in 1971-72)	Included 3a	Students will have ready access to current occupational information pertaining to their local labor market.
3c. Complete the translation of all Pennscript titles into Spanish.	Included 3a	Students will have ready access to current occupational information pertaining to their local labor market.
3d. Revise the Pennscript Counselor Manual and Student Index.	Included 3a	Students will have ready access to current occupational information pertaining to their local labor market.
4a. Policy statements, guidelines, career information resources and directories regarding job placement, educational opportunities for voc-educational students and labor market trends will be forwarded to 1,200 guidance personnel.	30,000 (B-7) F 27,000 L 3,000	Students will be cognizant of current issues and materials related to the requirements for preparation and entry into the world of work.
4b. Selected published materials will be purchased and forwarded to 1,200 guidance staffs to offset known deficiencies in the vocational aspects of program development.	Included 4a	Students will be cognizant of current issues and materials related to the requirements for preparation and entry into the world of work.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
2. Develop new in-service programs and modify existing programs to upgrade the counselors handling of vocational aspects of guidance.	1. Increase the number of guidance counselors who attend courses, conferences or workshops devoted to vocational guidance and counseling.	1,000	1,200	1,500

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Guidance and Counseling
B-7

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Conduct 10 inservice programs for counselors dealing with: career development theory, developmental tasks, career guidance practices, familiarization with business and industry, and alternate routes to success.	40,000 (B-7) F 36,000 L 4,000	Students will realize more positive educational experiences through the counselor's improved handling of the vocational aspects of guidance.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
1. To increase the service and support for assurance of effective, efficient and quality vocational education programs.	1. Provide leadership for local districts to support quality vocational education programs by developing a continuous systematic approach to meet this objective.	507	503	503

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Multi-Level - Ancillary
B-9a Administration and Supervision

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Continue support for the Pennsylvania Vocational Education Information Network housed by Millersville State College	111,000 (B-9a) F 111,000	Local school districts and other educational institutions can provide more effective programs for youth and adults.
1b. Support three regional offices for vocational field staff to provide leadership services to local school districts.	172,800 (B-9a) F 172,800	Field staff serve local districts as a liaison for Vo-tech Bureau to assist in providing quality vocational programs.
1c. Support the Vocational Education Management Information System to develop a data retrieval system which accounts for the number of Vo-tech students trained for employment and to achieve a realistic balance between manpower supply and demand.	223,000 (B-9a) F 223,000	People and industry are the benefactors through the educational system by developing a realistic balance of Manpower Supply and Demand.
1d. One inservice workshops to develop leadership and strengthen a unified approach for all vocational youth groups.	51,500 (B-9a) F 50,000 L 1,500	Secondary vocational students will have the opportunity to develop into stronger community leaders.
1e. Support and initiate ten new area vocational-technical schools programs.	341,160 (B-9a) F 300,000 L 41,160	Local communities will benefit from more vocational education opportunities for youth and adults.
1f. Vocational education programs for 300 inmates at state penal institutions.	115,200 (B-9a) F 40,200 L 75,000	Vocational education opportunities for inmate prior to their release.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
1. To increase the service and support for assurance of effective, efficient and quality vocational education programs.	1. Provide leadership for local districts to support quality vocational education programs by developing a continuous systematic approach to meet this objective.	507	503	503

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Multi-Level - Ancillary
B-9a Administration and Supervision

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1g. Support for 25 poor risk school districts that can not afford quality vocational education programs because of limited local tax dollars.	234,700 (B-9a) F 200,000 L 34,700	Vocational education opportunities for rural youth and adults.
1h. One statewide inservice educational workshop for teachers in Special Emphasis Programs.	22,000 (B-9d) F 20,000 L 2,000	Teachers will be better prepared to meet the needs of students with special needs.
1i. Unifying and individualizing vocational education in curriculum development through a computer retrieval system.	150,000 (B-9d) F 150,000	The supporting course teachers will have curriculum that is relevant to the needs of vocational students.
1j. Develop a data retrieval system which supports hardware and software to provide instant data retrieval capable of satisfying legislative and administrative requests for information in support of vocational programs in-service and activities.	136,800 (B-9a) F 136,800	Planning divisions of state and local government in support of vocational education.
1k. Support five career education programs in demonstration and development.	150,440 (B-9d) F 100,000 L 50,440	Opportunities for a great number of students to be exposed and trained in vocational and technical occupation.
1l. Support 50 local innovative vocational technical programs to assure effective and quality programs.	1,173,560 (B-9d) F 798,560 L 375,000	Youth and adult will be receiving efficient and quality vocational education programs.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
2. To provide program follow-up evaluations to all Part A, B, F, G and H federally funded plans and projects.	1. To see that 507 school districts are carrying our what was planned, that the objectives are being met as set, the regional vocational consultants assigned to special categories and planning units will be responsible for following up the plans and projects and provide written evaluations.	Follow-up 100%	Follow-up 100%	Follow-up 100%
3. To provide follow-up to the school vocational-technical program evaluations conducted by the Pennsylvania Department of Education, Bureau of Curriculum Development and Evaluation. One fifth of all operating programs made each year.	1. To follow up 120 of the schools evaluated by the Pennsylvania Department of education, Bureau of Curriculum Development and Evaluation for program certification. Follow-up to be made by regional vocational consultants with written report as to whether the school has implemented the recommendations made and if a certificate should be issued.	100%	100%	100%

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Multi-Level - Ancillary
B-9a Administration and Supervision

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Administration and Supervision The three regional offices will continue the close monitoring of Part A, B, F, G and H federal funds.	213,000 (B-9a) F 213,000	Aid in strengthening programs using various sources of federal funds and be able to assure accountability.
1a. Administration and Supervision The three regional offices will continue the follow up of vocational evaluations conducted by the Pennsylvania Department of Education, Bureau of Curriculum Development and Evaluation.	20,000 (B-9a) F 20,000	To see that quality vocational technical education if offered.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
4. To provide leadership and consultative services to operating vocational-technical programs in the Commonwealth's 67 AVTS and 516 school districts.	1. To provide three regional field offices with an assigned regional chief and staff of at least 36 vocational consultants.	3 offices 3 chiefs 32 staff	3 offices 3 chiefs 32 staff	3 offices 3 chiefs 32 staff

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Multi-Level - Ancillary
B-9a Administration and Supervision

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Administration and Supervision Three regional offices will operate under the bureau's operations division. They Will employ three regional chiefs and a staff of approximately 36 vocational advisors. Includes state office staff for vocational education.	909,840 (B-9a) F 359,840 S 550,000	To provide fast and efficient vocational services to local vocational-technical programs.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. To encourage program improvement through evaluation.	1. All schools offering vocational programs will become involved in a five-year cycle for on-site evaluations.	21	25	25

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Evaluation
B-9b

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Conduct 25 on-site evaluations of schools offering vocational-technical programs. (Area vocational technical schools and comprehensive high school.)	55,000 (B-9b) F 55,000	Schools will become directly involved in an evaluation process.
1b. Provide for administrative costs and transportation costs for 25 on-site evaluations.	Included 1a	Recommendations for program improvement are given to each school.
1c. Conduct two training workshops for potential evaluators.	Included 1a	Feedback concerning evaluation results is provided at the state and local level.
1d. Process and duplicate evaluation reports for 25 schools and provide distribution at state and local levels.	Included 1a	Feedback to schools and all agencies concerned will become aware of results of evaluation.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. Conduct inservice activities aimed at preparing vocational education personnel to plan, initiate administer and promote career development programs for youths and adults.	1. Increase the number of vocational educators attending career development education workshops, conferences and institutes.	300	210	600
2. Conduct inservice programs for improving the performance of vocational educators and guidance counselors serving disadvantaged or handicapped individuals.	1. Increase the number of vocational educators and guidance counselors attending seminars, conferences or workshops devoted to improving techniques for educating the disadvantaged and handicapped.	200	350	550
3. Intensify development of youth leadership through participation in vocational youth organizations.	1. Increase the number of competent vocational youth organization advisers.	50	100	300

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Personnel Development
B-9c

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Conduct ten workshops, conferences and institutes to help vocational educators to gain improved perception of career education and to develop an initiatory plan for implementing career education in school systems.	20,000 EPDA F 19,000 L 1,000 55,000 (B-9c) F 55,000	Many more secondary school students will have the benefits of a career education program.
1a. Conduct nine workshops to assist vocational education teachers, counselors and administrators to become more sensitive to and more competent in planning and implementing curriculums to serve disadvantaged and handicapped individuals.	14,600 EPDA F 13,000 L 1,600 30,000 (B-9c) F 30,000	Approximately 350 vocational educators throughout Pennsylvania will have improved competencies for dealing with the educational problems of the disadvantaged and handicapped.
1a. Provide leadership materials and increase inservice education for advisers of vocational yough organizations (100) and vocational teacher educators (20).	14,300 EPDA F 14,000 L 300	A nucleus of 20 "master" advisers will be prepared for each of the five vocational youth organizations and 20 teacher educators will receive inservice education on how to integrate instruction in vocational youth organization activities into the preservice vocational teacher education curriculum.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
3. Intensify development of youth leadership through participation in vocational youth organizations.	1. Increase the number of competent vocational youth organization advisers.	50	100	300
4. Intensify and improve higher education programs for vocational teachers, supervisors and administrators.	1. Increased enrollments in inservice and preservice education in relation to program needs.	I - 4,464 P - 3,771	4,500 3,700	5,300 3,700
	2. Update teacher education curriculums to improve competencies of vocational education personnel.	28	28	28

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Personnel Development
B-9c

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1b. Expand six pre-service teacher education curriculums to integrate instruction in youth organization activities.	3,000 (B-9c) F 3,000	When vocational education teachers begin their careers, they will be more competent to serve as advisers of vocational youth organizations, thereby gradually reducing the great need for inservice education.
1a. Promote the implementation of pilot and exemplary curriculums and new delivery systems to make appropriate instruction more accessible to 9,200 prospective and practicing teachers, supervisors and administrators.	2,437,000 (B-9c) F1,200,000 S1,237,000	A more efficient and effective personnel development system.
2a. Conduct a workshop for teacher educators to update vocational teacher education curriculums.	5,000 EPDA F 4,000 L 1,000	Updated teacher education programs that will prepare more competent vocational education teachers.
2b. Provide reference and supplementary materials for use in 28 vocational teacher education programs.	45,000 EPDA F 40,000 L 5,000	Updated teacher education programs that will prepare more competent vocational education teachers.
2c. Augment program offerings in 28 teacher education facilities to support ten new occupations through employment of specialists.	Included 2b	Expanded teacher education opportunities for prospective instructors.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
4. Intensify and improve higher education programs for vocational teachers, supervisors and administrators.	3. Increase the number of teachers participating in inservice activities related to instructional media and individualized instruction.	460	1,000	1,000
	4. Recruit prospective vocational education teachers to meet needs in new and emerging occupations.	140	160	240

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Personnel Development
B-9c

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974		Budgeted Total Funds	Benefits
3a. Implement inservice education activities that are relevant to the needs of identifiable groups of vocational educators and are made available on a regional basis for 1,000 teachers.		45,500 EPDA	More vocational education teachers will have the opportunity to learn new concepts and develop new skills as the needs of learners and society change.
	F	40,000	
	L	5,500	
3b. Provide twenty one-day workshops in the use of instructional media and materials.		55,000 (B-9c)	Increase the effectiveness of vocational education teachers at the secondary school level.
	F	15,000	
	L	40,000	
4a. Update existing occupational competency examinations and develop new tests for fifteen occupations.		20,000 (B-9c)	Improved examinations and procedures for administration of competency examinations.
	F	20,000	

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
1. Provide curriculum development service for local school districts.	1. Improve the vocational curriculum throughout the Commonwealth in all school districts.	507	503	503

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Curriculum Development
B-9e

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Provide funds for state staff and local district leadership to promote and develop curriculum for all programs and especially for ten new and emerging occupations, 503 school districts.	55,000 (B-9e) F 55,000	Updated and new curricula will be made available for vocational technical programs.
1b. Collect curriculum developed through funded projects and make it available to all school districts.	Included 1a	Save development time or even the necessity for a district to develop curriculum material.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
1. Stimulate and encourage the development of high priority occupational education research in the various eligible agencies.	1. Increase the number of funded research projects to conduct vocational research in Pennsylvania by 15.	50	65	100
2. Coordinate vocational education research activities in Pennsylvania.	1. Increase the 20 projects jointly operated by more than one agency.	15%	25%	30%

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Research & Training
Part C

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Identify and maintain 65 research priorities.	Included 1b	Unify the direction of research efforts.
1b. Provide grants to six colleges and universities and 55 local education agencies for high priority research studies.	831,500 (C) F 647,500 S 100,000 L 84,000	Contributions will be made to improve methods and materials for instruction.
1c. Provide 12 mini-grants to graduate students and teachers to conduct research studies.	10,000 (C) F 9,000 L 1,000	Improve quality and quantity of classroom and graduate research.
1d. Conduct two research training workshops for potential researchers.	5,000 (C) F 4,000 L 1,000	Prepare vocational educators to be better consumers as well as initiators of research.
1e. Provide research consulting services to research directors in LEAs, colleges, universities and other agencies, approximately 600 agencies.	Included 1b	Improve quality of projects.
1a. Monitor all state and federally funded vocational research studies.	Included 1a above	Insure maximum utilization of funds and applicability of results.
1b. Communicate with all personnel involved in conducting research studies in Pennsylvania.	Included 1a above	Bring together topics and projects related to one another to complement the efforts of each.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
2. Coordinate vocational education research activities in Pennsylvania.	1. Increase the 20 projects jointly operated by more than one agency.	15%	25%	30%
3. Disseminate research findings to appropriate user groups.	1. Publicized results of all significant completed research projects in the state and nation.	100%	100%	100%

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Research & Training
Part C

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1c. Identify research resources: funds, institutions, agencies and personnel.	RCU Staff Budgets	Direct personnel and projects to appropriate funding sources.
1d. Provide a vocational-technical education research communication network in Pennsylvania between state agencies and personnel.	RCU Staff Budgets	Improve communications and utilization of research in Pennsylvania.
1e. Foster interdepartmental cooperation with Department of Labor and Industry, Department of Commerce and State Planning Board in projecting manpower need.	RCU Staff Budgets	Improves services by combining resources of various state agencies and with other states.
1f. Engage in cooperative research studies with other states, regions, etc.	RCU Staff Budgets	Improves services by combining resources of various state agencies and with other states.
1a. Publish Pennsylvania Abstracts of Research Materials (PARM) yearly (one time).	500 (C) F 500	Improve knowledge of vocational educators of the research activities in Pennsylvania.
1b. Publish research abstracts, six times.	Included 1a	Improve knowledge of vocational educators of the research activities in Pennsylvania.
1c. Participate with ERIC Clearinghouse for Vocational-Technical Education--input and output.	RCU Staff Budgets	Contribute to available resources and utilization of those resources in Pennsylvania.
1d. Operate a vocational research and information dissemination center (VEIN).	100,000 (C) F 90,000 L 10,000	Make ERIC and other resources readily available to vocational educators in Pennsylvania.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
3. Disseminate research findings to appropriate user groups.	1. Publicized results of all significant completed research projects in the state and nation.	100%	100%	100%
	2. Establish demonstration projects to illustrate significant research methods, materials or techniques.	4	10	25

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Research & Training
Part C

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1e. Establish and operate a vocational education research reference center.	Included 1d	Make ERIC and other resources readily available to vocational educators in Pennsylvania.
1f. Prepare interpretation 12 briefs of complete research.	Included 1d	More efficient use of research results.
1g. Prepare two implementation packages containing suggestions for utilizing research findings.	Included 1d	More efficient use of research results.
1h. Prepare interpretive literature and conduct three workshops for state staff and local educators to implement program planning model as recommended by the Pennsylvania Vocational Education Study.	Included 1d	More efficient use of research results.
1i. Prepare news releases of significant findings and implications.	Included 1d	More efficient use of research results.
2a. Ten demonstration projects will be established to improve and implement the research programs that are funded.	5,000 (C) F 4,500 L 500	Better understanding and use of the findings of research projects.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1975
4. Plan and conduct occupational education research and related activities when needed.	1. Initiate 15 high priority research projects.	11	15	15

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Research & Training
Part C

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Provide technical assistance to local agencies receiving grants for research studies.	None	Improve quality of all research efforts.
1b. Continue studies begun as a part of the Pennsylvania Vocational Education Study.	None	Further implement vocational education study.
1c. Improve the manpower supply-demand computer model for program planning developed in the Pennsylvania Vocational Education Study.	35,000 (C) F 31,500 L 3,500	Increase accuracy of projections by improving the data base.
1d. Initiate other projects as priorities emerge approximately five.	50,000 (C) F 40,000 L 10,000	Initiate action on problems when needed.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. Implementation of career development activities.	1. Encourage widespread use of all PENNscripts materials.	50%	75%	95%
	2. Encourage establishment of career resource centers.	5	8	15
	3. Implement ongoing pilot career development projects in new settings.	8	15	25

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Exemplary
Part D

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Disseminate information on availability and use of PENNscripts materials.	RCU Budget (C)	Improve vocational guidance by making local occupational information readily available to students.
2a. Provide incentives to establish three new career resource centers.	15,000 (C) F 15,000	Provide information to aid students in career decision making.
3a. Diffuse and implement successful aspects of 15 ongoing career education programs in other elementary and secondary schools in Pennsylvania.	500,000 (D) F 456,000 S 44,000	Make career education available to more students in Pennsylvania.
3b. Provide encouragement and incentives to establish three career placement centers in public secondary schools.	60,000 (D) F 48,000 L 12,000	Provide occupational as well as educational placement for secondary students in Pennsylvania.
3c. Encourage adoption of career development consept by teacher education institutions.	Included 3a	Provide better pre and in-service education for teachers implementing the career development concept.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Elementary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
1. Introduce and emphasize consumer and homemaking concepts in grades 5 & 6 to provide prevocational programs.	1. Expand consumer and homemaking projects at the middle school level.	1	8	20

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Consumer & Homemaking
Part F

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Implementation of ten programs and establishment of innovative programs by local districts to meet the needs of 5th and 6th grade students in consumer and homemaking (pre-vocational).	200,000 (F) F 134,000 L 66,000	Greater awareness of the importance of consumer and homemaking concepts by the younger students.
1b. Evaluate five programs to assess the value of consumer and homemaking concepts at the middle school level.	Included 1a	Increase the enrollment of both boys and girls in the consumer and homemaking programs at middle school level.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
2. Expand and increase programs at the secondary level which improve consumer and homemaking aspects to youth in home economics.	1. The number of local districts offering a vocational program in home economics will increase by 10 in 1974.	26	10	5

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Consumer & Homemaking
Part F

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Ten pilot projects will be developed by local districts which meet the following criteria: (a) Give greater consideration to the social and cultural conditions and needs, especially in 7 economically depressed areas. (b) Encourage preparation for professional leadership careers in home economics. (c) Guidance for youth and adults who have entered or are preparing to enter the work of the home. (d) Include consumer education as an integral part of the program in all schools. (e) Teachers will have capability of redirecting programs to make homemaking programs more relevant to every day living.	50,000 (F) F 33,500 L 16,500	Students will become more knowledgeable in the rolls of a consumer, homemaker and wage earner, thus becoming a better citizen in our society.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
3. Continue and strengthen on-going programs in consumer and home-making at the secondary level.	1. Continue the needed programs in the comprehensive high schools.	398	408	413
	2. Maintain level of students participation in consumer and home-making programs.	40,499	43,>38	46,000

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Consumer & Homemaking
Part F

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. 408 local districts will introduce innovative programs to strengthen the existing programs.	1,164,954 (F) F 605,620 L 559,334	Students will be prepared to better meet the problems of home living in the present society.
2a. Three teacher workshops to develop current curriculum and learning materials for consumer and homemaking programs.	Included 1a	Teachers will be prepared to evaluate the needs of today's youth.
2b. Employment of teacher aids on para-professionals by 100 local districts.	Included 1a	Teachers will be prepared to evaluate the needs of today's youth.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Secondary-Disadvantaged - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
4. Increase programs in consumer and homemaking to the disadvantaged youth.	1. Increase the enrollment of disadvantaged youth in consumer and homemaking programs.	12,000	18,000	21,000

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Disadvantaged - Consumer & Homemaking Part F

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. 350 school districts will develop projects to redirect present programs to better meet the needs of these students.	803,873 (F) F 538,595 L 265,278	Disadvantaged youth will become more knowledgeable in dealing with family living problems, which will make them a better member in today's society.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Adult - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
5. Expand, increase and redirect programs and services at the adult level to better prepare adults to improve home and family living.	1. Develop programs for adults which include consumer aspects of homemaking.	177	185	195

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Consumer & Homemaking
Part F

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. 185 short term courses will be established by local districts which include consumer education and skills in home management.	30,000 (F) F 20,000 L 10,000	Adults will become more knowledgeable in managing their resources to improve their role in the home, as a family member and as a member of a community.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes		
		1973	1974	1978
6. Expand activities for teachers to help improve their instruction in the consumer and home-making program.	1. Teachers of 503 local districts will attend workshops for self improvement in the field of home economics.	507	503	503

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Consumer & Homemaking
Part F

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Eight pre-service programs and 25 in-service workshops will be conducted by teacher education institutions to improve teaching, methodology and aide teachers in better directing the varied emphasis of consumer and homemaking education.	251,173 (F) F 168,285 L 82,888	Home economics instruction will improve by teachers learning new teaching strategies.
1b. Develop a set of audio visuals which will relate the redirection of the program to teachers at the local level.	Included 1a	Local FHA advisers and potential advisers will gain greater understanding of the FHA and how to integrate FHA will the consumer and homemaking program.
1c. Three workshops will be conducted for local FHA advisers and potential advisers to assist in developing the FHA program of work as an integral part of the consumer and homemaking program.	Included 1a	Local FHA advisers and potential advisers will gain greater understanding of the FHA and how to integrate FHA will the consumer and homemaking program.
1d. Printing and circulate developed resource materials.	Included 1a	Local FHA advisers and potential advisers will gain greater understanding of the FHA and how to integrate FHA will the consumer and homemaking program.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: General

Goals	Objectives	Outcomes 1973	1974	1978
1. Serve the increasing numbers of students who need and desire cooperative education programs and expand and strengthen existing cooperative education programs in all vocational disciplines.	1. To encourage cooperative diversified education programs designed to meet student and manpower needs (priority) in urban areas and economically depressed rural areas.	1,200	1,500	4,000
	2. Increase the number of cooperative education students already enrolled in the vocational disciplines.	10,000	12,000	22,000

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Cooperative Education
Part G

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Strengthen cooperative diversified education programs through: employment of cooperative coordinators to develop 100 cooperative programs; development and expansion of existing programs.	1,109,000 (G) F 865,400 L 243,600	Students will have opportunities to actually work in business and industry.
1b. Develop and implement cooperative curriculums that can serve our diversified education cooperative students.	30,000 (G) F 24,000 L 6,000	A curriculum relevant to the needs of students for career goals.
1c. Provide inservice education for 200 teacher coordinators of cooperative education to facilitate the implementation of diversified programs.	10,000 (G) F 8,000 L 2,000	Increased effectiveness of the teachers of cooperative education; thus helping cooperative students in their career objectives.
2a. Continue to promote and expand cooperative programs in all vocational disciplines where the need is most apparent.	214,000 (G) F 192,600 L 21,400	Provide students in all occupational areas with actual on-the-job experience.
2b. Conduct four seminars of teacher educators of cooperative education and state staff to strengthen preparation of teachers in cooperative vocational education.	5,000 (G) F 5,000	Because of increased insights and skills gained in inservice opportunities, cooperative education teachers can serve students more effectively.

TABLE 3 - PAGE 1

Annual and Long Range Planning and Budgeting

Level: Multi-Level - See Page II-10 for rationale

Population Served: Secondary

Goals	Objectives	Outcomes		
		1973	1974	1978
1. Contribute to increasing the holding power of the public secondary schools.	1. An increasing number of economically disadvantaged students will be enrolled in vocational work-study programs.	1,800	2,400	6,000

TABLE 3 - PAGE 2

Annual and Long Range Planning and Budgeting

Activity: Work Study
Part H

Funds: F = Federal
S = State
L = Local

Activities F.Y 1974	Budgeted Total Funds	Benefits
1a. Provide financial aid through part-time work for 2,400 vocational students outside of school hours.	1,630 (H) F 1,300 L 330	With the aid of a part time job, many students will continue their education and become productive in society.

Table 4

Projections of State's Enrollments

	1973	1974	1978
Occupational Programs Summarized by O.E. Codes (Gainful Only)1/	xxx	xxx	xxx
01. Agriculture	11,852	12,326	13,559
04. Distributive	10,602	11,026	12,129
07. Health Occupations	3,079	3,233	3,718
09.02 Home Economics (Gainful)	5,745	5,975	6,573
14. Business and Office	60,492	62,307	64,799
16. Technical	10,249	10,659	11,725
17. Trade & Industrial	46,024	47,865	52,652
99. Group Guidance/Pre-vocational	-	-	-
Total	148,043	153,391	165,155
Level of Instruction (Gainful Only) 1/	xxx	xxx	xxx
Secondary	148,043	153,391	165,155
Postsecondary	42,480	44,604	52,099
Adult	57,342	60,209	72,250
Total	246,865	258,204	289,504
Special Programs/ Purpose 2/	xxx	xxx	xxx
Disadvantaged	20,654	21,700	25,500
Handicapped	6,000	6,200	6,700
Cooperative Education Part G Only	1,200	1,500	4,000
Work Study	1,800	2,400	6,000
Exemplary	-	-	-
09.01 Consumer & Homemaking Part F	48,272	49,720	52,206

1/ Unduplicated Count
2/ May be Duplicated Count
3/ Exemplary Programs Serviced Schools Not Classes.

TABLE 5
FISCAL YEAR 1974 ENROLLMENTS[1/]

Occupational Programs Summarized by O.E. Codes (Gainful Only)	Secondary			Post Secondary			Adult			Cooperative Part B			Cooperative Part G		
	R	D	H	R	D	H	R	D	H	R	D	H	R	D	H
01. Agriculture	10,313	1,293	720	1,303	32	3	3,180	13	11	100	13	1	70	7	1
04. Distributive	8,344	2,407	275	3,647	8	2	408	-	-	2,514	350	15	524	50	10
07. Health Occupations	2,357	543	333	10,091	189	68	2,528	33	15	151	17	2	10	5	-
09.02 Home Economics Gainful	3,935	1,412	628	704	25	3	1,470	-	3	160	150	4	20	5	-
14. Business and Office	53,377	7,673	1,257	12,090	394	79	14,276	283	108	1,507	200	20	500	50	-
16. Technical	10,143	334	182	7,536	531	50	5,403	17	13	596	50	10	61	4	1
17. Trade & Industrial	37,022	8,038	2,805	7,485	337	27	32,276	118	54	2,546	335	40	168	12	2
99. Group Guidance/ Pre-vocational	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	125,491	21,700	6,200	42,856	1,516	232	59,541	464	204	7,574	980	92	1,353	133	14
09.01 Consumer & Homemaking - Part F	44,720	3,600	1,400	-	-	-	9,826	120	60	327	48	10	383	60	15
Work Study	500	1,200	100	-	-	-	-	-	-	-	-	-	-	-	-
Exemplary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

R - Regular
D - Disadvantaged
H - Handicapped

1/ - Information recorded only where applicable.

Table 6

ESTIMATES OF TOTAL FUNDS NEEDED FOR VOCATIONAL EDUCATION AND ANNUAL ALLOCATION PLAN
(Federal, State and Local to obtain State Plan Objectives Regardless of Funding Sources)

Program/Purpose	Funds	Current (000) 1973	Long Range Plan (000) 1974	(000) 1978
State Programs Part B	Total	159,510	181,188	241,799
	Federal	21,237	29,090	43,455
	S & L	138,273	152,098	198,344
	F,S & L			
1. Secondary	Total	85,379	93,916	131,483
2. Post Secondary	Total	14,484	15,932	22,305
3. Adult	Total	12,261	13,487	18,882
4. Disadvantaged	Total	6,056	6,662	9,325
5. Handicapped	Total	4,171	4,588	6,423
6. Construction	Total	30,732	39,534	43,487
7. Guidance & Counseling	Total	304	334	467
8. Contracted Instruction	Total		0	
9. Ancillary Services		XXX	XXX	XXX
a. Administration & Supervision	Total	2,299	2,529	3,539
b. Evaluation	Total	50	55	77
c. Teacher Training	Total	2,364	2,600	3,640
d. Research & Demonstration Projects	Total	1,360	1,496	2,094
e. Curriculum Development	Total	50	55	77
Section 102 (b) State Programs Disadvantaged	Total	1,106	2,000	2,200
	(F,S & L)	1,106	2,000	2,200
Research and Training Part C	Total	666	1,052	1,052
	Federal	498	842	842
	S & L	168	210	210
Exemplary Programs Part D	Total	301	560	560
	Federal	248	504	504
	S & L	53	56	56
Consumer & Homemaking Education Part F	Total	2,425	2,500	3,000
	Federal	1,417	1,500	1,700
	S & L	1,008	1,000	1,300
Cooperative Education Part G	Total	859	1,368	1,500
	Federal	687	1,095	1,200
	S & L	172	273	300
Work Study Part H	Total	445	1,630	2,000
	Federal	325	1,300	1,600
	S & L	120	330	400
GRAND TOTAL	Total	165,312	190,298	252,111
	Federal	25,518	36,331	51,501
	S & L	139,794	153,967	200,610

TABLE 7

CONSTRUCTION PROJECTS ON WHICH CONSTRUCTION WILL START IN COMING YEAR 1974
(ALL PROJECTS REGARDLESS OF FUNDING SOURCES)

Name and Address County and Congressional District	Estimated Beginning Construction Date: Month-Year	Estimated Completion Date: Month-Year	Building Capacity (Vocational Student Capacity At Any One Time)
Central Westmoreland Co. AVTS 201 Locust Street Youngwood, Penna. 15697 Westmoreland County - C.D. 57	November 1973	May 1975	1354
Bethlehem AVTS 3300 Chester Avenue Bethlehem, Penna. 18018 Northampton County - C.D. 135	June 1973	June 1974	480
Crawford County AVTS 860 Thurston Road Meadville, Penna. 16335 Crawford County - C.D. 6	June 1973	November 1974	830
Lenape AVTS 2215 Chaplin Avenue Ford City, Penna. 16226 Armstrong County - C.D. 60	October 1973	April 1975	550
Erie City AVTS 1511 Peach Street Erie, Penna. 16501 Erie County	February 1973	September 1973	2250
A. W. Beattie AVTS 9600 Babcock Boulevard, Allison Park Pittsburgh, Penna. 15101 Allegheny County	June 1973	June 1974	834

Name and Address County and Congressional District	Estimated Beginning Construction Date: Month-Year	Estimated Completion Date: Month-Year	Building Capacity (Vocational Student Capacity At Any One Time)
Monroe County AVTS P. O. Box 66 Bartonsville, Penna. 18321 Monroe County - C.D. 138-139		November 1973	680
Fayette County AVTS R. D. #2 Box 122-A Uniontown, Penna. 15401 Fayette County - C.D. 51	April 1973	September 1973	768
Adams County AVTS Drawer #9 Gettysburg, Penna. 17325 Adams County - C.D. 91	December 1973	September 1975	650

PROJECTION OF NUMBER OF CONSTRUCTION PROJECTS EACH YEAR FOR NEXT 5 YEARS

Year	Number Projects (New Buildings & Expansions)	Total Building Capacity
1974-75	5	1000
1975-76	7	1400
1976-77	6	1200
1977-78	4	800
1978-79	4	800

ACTUAL AND PROJECTED DEMAND FOR VOCATIONAL EDUCATION PERSONNEL PREPARATION AND DEVELOPMENT

Areas of Occupational Specialization		1973-74								1974-75							
				Additional Personnel Needs (A)		Projected Supply of New (B) Personnel		Status				Additional Personnel Needs (A)		Projected Supply of New (B) Personnel			Status
		Total Staff Required	Personnel Available	Replacement	New Staff	Pre-Service 1/	Other	Excess	Deficit 2/	Total Staff Required	Personnel Available	Replacement	New Staff	Pre-Service	Other	Excess	Deficit
Grand Total (Unduplicated)	S	6,860	7,706	328	217	747	244	446	-	7,078	7,402	326	129	363	260	668	-
	PS	2,040	2,198	97	61	-	-	-	158	2,102	2,197	97	39	-	-	-	136
	A	1,825	1,967	87	55	-	-	-	142	1,880	1,967	87	34	-	-	-	121
Vocational Programs (Specified by OE Code)																	
01. Agriculture		328	312	8	24	32	-	-	-	354	359	5	5	15	5	10	-
04. Distributive		343	374	23	15	13	19	-	6	358	368	25	10	16	20	1	-
07. Health Occupations		522	536	8	6	10	5	1	-	528	543	10	5	8	6	1	-
09.01 Home Ec./Useful		1,132	1,257	110	15	250	14	139	-	1,147	1,267	110	10	415	13	308	-
09.02 Home Ec./Gainful		403	383	10	10	-	-	-	20	413	393	10	10	-	-	-	20
14. Business & Office		3,692	3,890	180	18	211	24	37	-	3,710	3,905	185	10	200	28	33	-
16. Technical		900	960	30	30	-	10	15	35	930	960	20	10	10	18	8	-
17. Trade & Industrial		2,442	2,702	100	160	163	110	13	-	2,602	2,802	100	100	158	130	88	-
99. Other (Specify)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ancillary		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Administration		333	356	8	15	58	62	97	-	348	360	10	12	33	40	51	-
Guid. and Couns.		370	345	10	20	5	-	-	25	390	364	10	20	4	-	-	26
Paraprofessional		260	215	25	20	-	-	-	45	280	245	25	10	-	-	-	35
Other (Specify)		Teacher Preparatory			-	5	-	5	-	-	-	-	-	4	-	4	-
Program/Purpose Total (Unduplicated)		602	573	22	26	56	17	105	37	628	613	27	27	40	47	62	29
Cooperative		76	86	5	5	13	15	18	-	81	95	10	5	-	35	20	-
Disadvantaged		301	282	10	10	-	1	-	19	311	301	10	10	-	10	-	10
Handicapped		108	93	5	10	-	-	-	15	118	103	5	10	-	-	-	15
Remedial		69	66	2	1	-	-	-	3	70	68	2	-	-	-	-	2
Exemplary		48	48	-	-	-	-	-	-	48	46	-	2	-	-	-	2
Other(Specify)Dietetics		-	-	-	-	43	1	87	-	-	-	-	-	40	2	42	-

1/ Approximately 50% 1973 Graduates Except Technical & Trade & Industrial & Agriculture which are 100%.
2/ Will Recruit From Excess Secondary.

ACTUAL AND PROJECTED DEMAND FOR VOCATIONAL EDUCATION PERSONNEL PREPARATION AND DEVELOPMENT

Areas of Occupational Specialization		1975-76								1976-77							
				Additional Personnel Needs (A)		Projected Supply of New (B) Personnel		Status				Additional Personnel Needs (A)		Projected Supply of New (B) Personnel		Status	
		Total Staff Required	Personnel Available	Replacement	New Staff	Pre-Service	Other	Excess	Deficit	Total Staff Required	Personnel Available	Replacement	New Staff	Pre-Service	Other	Excess	Deficit
Grand Total (Unduplicated)	S	7,191	7,482	288	74	624	165	427	-	7,265	7,546	294	43	699	222	584	-
	P8	2,135	2,221	86	22	-	-	-	108	2,156	2,240	87	13	-	-	-	100
	A	1,910	1,988	76	19	-	-	-	95	1,930	2,004	79	11	-	-	-	90
Vocational Programs (Specified OE code)																	
01. Agriculture		359	369	5	5	15	5	10	-	364	379	10	5	15	5	5	-
04. Distributive		368	394	20	5	23	1	-	1	373	403	25	5	39	14	13	-
07. Health Occupations		533	543	5	5	10	5	5	-	538	548	-	5	8	6	4	-
09.01 Home Ec./Useful		1,157	1,267	100	10	227	15	132	-	1,167	1,272	100	5	200	13	108	-
09.02 Home Ec./Gainful		423	408	10	5	-	-	-	15	428	413	10	5	-	-	-	15
14. Business & Office		3,720	3,875	150	5	166	28	39	-	3,725	3,880	150	5	199	72	116	-
16. Technical		940	923	20	10	5	8	-	17	950	933	25	5	5	8	-	17
17. Trade & Industrial		2,702	2,852	100	50	82	75	7	-	2,752	2,872	100	20	91	75	46	-
99. Other (Specify)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ancillary		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Administration		360	370	5	5	34	28	52	-	365	372	5	2	35	29	57	-
Guid. and Couns.		384	370	10	10	6	-	-	14	394	393	5	5	9	-	-	1
Paraprofessional		290	320	25	5	50	-	30	-	295	325	25	5	63	-	33	-
Other (Specify)		Teacher Prep		-	-	6	-	6	-	-	-	-	-	5	-	5	-
Program/Purpose																	
Total (Unduplicated)		649	636	17	17	46	19	64	23	666	653	17	17	48	19	56	23
Cooperative		85	95	5	5	16	15	21	-	90	100	5	5	8	15	13	-
Disadvantaged		321	312	5	5	-	1	-	9	326	315	5	5	-	1	-	9
Handicapped		123	113	5	5	-	-	-	10	128	118	5	5	-	-	-	10
Remedial		70	68	2	-	-	-	-	2	70	68	2	-	-	-	-	2
Exemplary		50	48	-	2	-	-	-	2	52	50	-	2	-	-	-	2
Other (Specify) Dietetics		-	-	-	-	40	3	43	-	-	-	-	-	40	3	43	-

Table 9

Planned Expenditure of and Projected Need for Funds for Vocational Education Personnel Preparation and Development

(Does not Include EPDA Monies Awarded to Teacher Education Institutions and State Funds Awarded to Teacher Education Institutions and to Statewide Programs)

Category of Expenditure (P.L. 90-576)		Annual Plan 1/ $ (000) 1973-74 F	S & L	$ (000) 1974-75 F	S & L	Long Range Plan 2/ $ (000) 1975-76 F	S & L	$ (000) 1976-77 F	S & L	$ (000) 1977-78 F	S & L	$ (000) 1978-79 F	S & L
Grand Total	1. Total	36,311	153,967	35,984	160,797	40,210	171,401	43,422	182,003	46,100	192,597	48,000	195,000
	2. P & D	2,958		3,305		3,605		3,901		4,215		4,500	
	3. % (2 of 1)			9.2%		9%		9%		9.1%		9.4%	
Regular State Vocational Education Programs (Part B)	1. Total	29,090	152,098	32,500	159,299	36,500	169,811	39,504	180,324	42,000	190,837	44,000	193,000
	2. P & D	2,600		2,932		3,216		3,500		3,800		4,200	
	3. % (2 of 1)	8.9%		9%		8.8%		8.8%		9%		9.5%	
Research (Part C)	1. Total	842	210	842	210	842	210	842	210	842	210	842	210
	2. P & D	17		18		20		21		23		23	
	3. % (2 of 1)	2.0%		2.1%		2.3%		2.3%		2.7%		2.7%	
Exemplary (Part D)	1. Total	446	56	395	62	426	69	447	75	447	75	447	75
	2. P & D	84		93		102		110		118		118	
	3. % (2 of 1)	18.8%		23.5%		23.9%		24.6%		26.4%		26.4%	
Consumer and Homemaking Education Programs (Part F)	1. Total	1,500	1,000	1,600	1,150	1,650	1,225	1,700	1,300	1,750	1,375	1,750	1,375
	2. P & D	253		255		258		260		262		262	
	3. % (2 of 1)	16.7%		15.9%		15.6%		15.3%		15%		15%	
Cooperative Vocational Education Programs (Part G)	1. Total	1,095	273	839	99	914	102	990	104	1,050	106	1,050	106
	2. P & D	6		7		9		10		12		12	
	3. % (2 of 1)	0.5%		0.8%		0.9%		1.0%		1.1%		1.1%	

1/ Funds to be expended for personnel preparation and development during the fiscal year of this plan.
2/ Projected needs for funds by school year.

Table 10

1974-75 Financial Plan for Personnel Preparation and Development
Based on Funds Available or Anticipated

Program/Purpose	Total Funds Needed for Unmet Personnel Development Needs 1974 - 75 2/	Total Funds Expected to be Available for School Year 1974 - 75 1/	Additional Funding to be Requested 3/ 1974 - 75 Other Sources	EPDA
Regular Vocational Education Programs (Part B)	3,000,000	2,600,000	-	400,000
Research (Part C)	25,000	15,000	-	10,000
Exemplary (Part D)	100,000	84,000	-	16,000
Consumer and Homemaking Educ. (Part F)	300,000	253,000	-	47,000
Cooperative Vocational Program (Part G)	16,000	6,000	-	10,000
Grand Total	3,441,000	2,958,000	-	483,000

1/ Funds expected to be available for personnel preparation and development during the fiscal year following the fiscal year of this plan.
2/ Funds needed for unmet personnel needs are from second year of Long-Range Plans, Table 9.
3/ The difference between the total funds needed for personnel preparation and development and the total funds expected to be available.

12.0

Table 11

Projection of State's Enrollments
In Vocational Education Personnel Preparation and Development

Vocational Programs Specified by O.E. 1/	Pre-Service 2/			In-Service 3/		
	1973	1974	1978	1973	1974	1978
Grand Total-Unduplicated	2,904	3,100	3,591	2,633	2,856	3,005
01. Agriculture	37	40	45	312	320	330
04. Distributive	140	157	288	108	115	125
07. Health Occupations	15	16	20	65	76	60
09.01 Home Economics (Useful)	1,275	1,291	1,394	472	457	697
09.02 Home Economics (Gainful)	-	-	-	-	-	-
14. Business and Office	997	9 7	920	371	406	418
16. Technical	5	6	10	55	166	50
17. Trade & Industrial	370	395	420	1,170	1,345	1,240
99. Other	-	-	-	-	-	-
Ancillary	xxx	xxx	xxx	xxx	xxx	xxx
Administration	99	122	160	60	71	85
Guidance & Counseling	18	22	58	-	-	-
Para-Professional	25	50	125	-	-	-
Other Graduate	22	24	51	-	-	-
Programs/Purposes 4/ Duplicated	xxx	xxx	xxx	xxx	xxx	xxx
Cooperative - - Part G	1	-	-	1	-	-
Disadvantaged	1	-	-	1	-	-
Handicapped	-	-	-	-	-	-
Remedial	-	-	-	-	-	-
Exemplary	-	-	-	-	-	-
Other (Dietetics)	100	93	100	46	47	50

1/ Personnel included by major and/or minor teaching area as applicable.
2/ Preservice refers to persons completing initial vocational preparation who have not entered upon the vocational education activities for which they are preparing.
3/ Inservice refers to persons under contract for employment in a vocational education activity.
4/ Personnel whose major or minor emphasis is not identifiable by O.E. Code.

APPENDIX B

PART II

Part II - Annual and Long-Range Program Plan Provisions

APPENDIX B

Criteria for Determining Priority of Professional Development Programs

Criteria for Determining Priority of Professional Development Programs

1	2	3	4	5	6	7
Professional Development Programs	Program does not now exist	Criteria shortage in output of program	Existing teacher education staff lacks capability of providing program	Needed for redirection toward State Vocational Education goals	High degree of impact on vocational education	High degree of impact on vocational teacher education
Inservice training for developing and implementing appropriate programs for training the handicapped and disadvantaged		X	X	X	X	
Seminars for directors of local area vocational-technical school boards to better accquaint them with the programs and administration of this type school.		X	X		X	
In-service workshops for vocational-technical school administrators in the techniques and art of organization management			X	X	X	
In-service training for persons in vocational education administrative positions		X	X	X	X	
Seminars for administrators and principals of schools participating in area vocational-technical schools to better acquaint them with the programs and administration of an area vocational-technical school	X	X	X	X		

1	2	3	4	5	6	7
Professional Development Programs	Program does not now exist	Criteria shortage in output of program	Existing teacher education staff lacks capability of providing program	Needed for redirection toward State Vocational Education goals	High degree of impact on vocational education	High degree of impact on vocational teacher education
In-service training for persons in vocational education administrative positions		X	X	X	X	
In-service workshops for state staff personnel to keep them abreast of new policies, procedures and standards		X	X	X	X	
Pre-service and in-service preparation of new teachers in all areas of vocational education		X	X	X	X	X
In-service training for new and present vocational school guidance counselors		X	X	X	X	
"Back-to-industry" experience for long-term vocational teachers	X	X		X	X	
In-service training for up-grading the certification status of vocational education teachers				X	X	X

1	2	3	4	5	6	7
Professional Development Programs	Program does not now exist	Criteria shortage in output of program	Existing teacher education staff lacks capability of providing program	Needed for redirection toward State Vocational Education goals	High degree of impact on vocational education	High degree of impact on vocational teacher education
Institute for Directors of Intermediate Units, superintendents of comprehensive high schools, chief school administrators to assist them in gaining a more complete understanding of vocational education	X		X	X	X	
In-service workshops for vocational youth group advisers to improve leadership development competencies.	X	X	X		X	X
Pre-service and in-service workshop for teacher-coordinators of cooperative education		X		X	X	
In-service seminars for administrators and specialists in vocational education to develop new strategies for the delivery of vocational education in urban centers	X		X	X	X	X

1	2	3	4	5	6	7
Professional Development Programs	Program does not now exist	Criteria shortage in output of program	Existing teacher education staff lacks capability of providing program	Needed for redirection toward State Vocational Education goals	High degree of impact on vocational education	High degree of impact on vocational teacher education
Career development education workshops, conferences and institutes for vocational educators.	X	X	X	X	X	X

APPENDIX C
PART II

PART II - ANNUAL AND LONG-RANGE PROGRAM PLAN PROVISIONS

APPENDIX C

VOCATIONAL EDUCATION STATE STAFF DIRECTORY

PERSONNEL DIRECTORY
BUREAU OF VOCATIONAL EDUCATION
STATE OFFICE STAFF
1972-1973

All addresses and telephone numbers unless otherwise noted are:

Department of Education
Bureau of Vocational Education
P.O. Box 911
Harrisburg, Pennsylvania 17126

Telephone (717) 787 (No after Name)

Ex H - Executive House

BUREAU DIRECTOR AND STATE DIRECTOR OF VOCATIONAL EDUCATION

Struck, John W.	5530	116A	ExH

Assistant Director and Assistant Director of Vocational Education

Schalles, Paul H.	5530	116A	ExH

ADMINISTRATIVE AND PLANNING SERVICES

Chief, Administrative and Planning Services			
Sworen, Stephen	5435	104	ExH
Senior Program Planning Specialist			
McHenry, Lowery E.	8804	104	ExH
Program Planning Specialist			
Kosco, George F.	8805	104	ExH
Program Planning Specialist			
	8804	104	ExH
Administrative Officer			
Orndorff, Norman J.	2525	116A	ExH

VOCATIONAL PROGRAM DEVELOPMENT DIVISION

Chief, Vocational Program Development Division
Hartman, William P. 5293 116 ExH

Senior Program Specialist, Agriculture Education
Fink, James C. 2475 111 ExH

Program Specialist, Agriculture Education
Lebo, Charles F. 2475 111 ExH

Senior Program Specialist, Business Education
Selden, William H. 7306 111 ExH

Program Specialist, Business Education
Vacant 7306 111 ExH

Senior Program Specialist, Distributive Education
Curran, Blanche M. 7197 111 ExH

Program Specialist, Distributive Education
Vacant 7197 111 ExH

Senior Program Specialist, Health Occupations Education
Harding, A. Louise 8862 111 ExH

Program Specialist, Health Occupations Education
Horne, Margaret G. 8862 111 ExH

Senior Program Specialist, Home Economics Education
Kratz, Carolyn (Acting) 6587 116 ExH

Program Specialist, Home Economics Education
Vacant 6587 116 ExH

Senior Program Specialist, Trade and Industrial Education
Jacoby, Robert 8860 111 ExH

Program Specialist, Trade and Industrial Education
Brandt, John W. 8860 111 ExH

Chief, Development Services Section
Kirkland, Louis 4482 111 ExH

Coordinator for Vocational Guidance
Shellenberger, Bruce 4482 111 ExH

Coordinator for Vocational Staff Development and Teacher Education
Swatt, Kenneth A. 4482 111 ExH

Coordinator for Vocational Curriculum Development
Vacant 4482 111 ExH

Coordinator for Vocational Facilities and Residential Schools
Vacant 4482 111 ExH

VOCATIONAL EDUCATION PROGRAM OPERATIONS DIVISION

Chief, Vocational Education Program Operations Division			
Edwards, Robert D.	6621	116	ExH
Chief, Special Emphasis Programs Section			
Witmer, T. Dean	8020	111	ExH
Consultant for Disadvantaged and Handicapped			
Grubb, Wayne	8022	111	ExH
Consultant for Technical, Postsecondary and Adult Education			
Herr, Carl	8020	111	ExH
Consultant for Work Study and Cooperative Education			
Burchfield, Robert	8022	111	ExH
Consultant for Health Occupations			
Myers, Mary F.	8862	111	ExH
Chief, Area Vocational Technical Schools Section			
Hanawalt, Frank R.	4490	111	ExH

FIELD STAFF

Chief, Regional Field Services - Eastern Region		
Jaffe, Sydney	215-395-5801	4577 Tilghman Street Allentown, Pa. 18104
Chief, Regional Field Services - Central Region		
Kemler, Lane	717-966-1024	Tri-County National Bank Building Buffalo Valley Shopping Center Box 146 Mifflinburg, Pa. 17844
Chief, Regional Field Services - Western Region		
Dye, G. Floyd	412-238-9526	Diamond Building Box 686 Ligonier, Pa. 15658

STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION

Chairman			
Harrington, John H.	232-7653	611-612	ExH
Executive Director			
Schaffer, George M.	232-7653	611-612	ExH
Special Assistant			
Orr, JoAnne R.	232-7653	611-612	ExH

RESEARCH COORDINATING UNIT

Director, (Exemplary and Research Programs)			
Curtis, Carroll A.	4865	211	ExH

COMMUNITY COLLEGES AND BRANCH CAMPUSES
(POST SECONDARY)

Adviser			
Sheppard, Robert L.	7653	374	Ed. Bldg.

ADULT EDUCATION

Division Chief			
Clair Troy (Acting)	1678	106	ExH

VETERANS' EDUCATION

Division Chief			
Joseph P. Gavenonis	4276	359	Ed. Bldg.

APPENDIX D

PART II

Part II - Annual and Long-Range Program Plan Provisions

APPENDIX D

Vocational Teacher Education Institution Directory

Fiscal Year 1973

and

Degrees Awarded FY 1972

Institution	Vocational Teacher Education Personnel		1971-72 Number of Degrees Awarded Baccalaureate	Masters	Doctorate
Albright College Reading, PA 19604 (215) 374-2226	Home Economics Education Nancy L. Kearney	Chairman	16	--	--
Bloomsburg State College Bloomsburg, PA 17815 (717)784-4660	Business Education Emory W. Rarig, Jr.	Dean	85	21	--
Carnegie-Mellon University Pittsburgh, PA 15213 (412) 621-2600	Home Economics Education Gladys B. Spencer	Associate Professor	9	14	--
Cheyney State College Cheyney, PA 19139 (215) 399-6880	Home Economics Education Jean Terry	Director	13	--	--
College Misericordia Dallas, PA 18612 (717) 675-2181	Business Education Sister Mary Luke	Chairman	5	--	--
	Home Economics Education Sister Marion Joseph	Chairman	11	--	--
Drexel University 32nd & Chestnut Sts. Philadelphia, PA 19104 (215) 387-2400	Business Education Dorothy E. Hons	Professor	11	--	--
	Home Economics Education Marjorie E. Rankin	Head	4	7	--
Elizabethtown College Elizabethtown, PA 17022 (717) 367-1151	Business Education Edgar T. Bitting	Chairman	9	--	--
Geneva College Beaver Falls, PA 15010 (412) 846-5100	Business Education Carrie Shuler	Head	3	--	--

Institution	Vocational Teacher Education Personnel		1971-72 Number of Degrees Awarded Baccalaureate	Masters	Doctorate
Grove City College Grove City, PA 16127 (412) 458-6600	Business Education Edward R. Bowden	Chairman	12	--	--
Gwynedd-Mercy College Gwynedd Valley, PA 19437 (412) 646-7300	Business Education Sister Mary Norbert	Chairman	7	--	--
Immaculata College Immaculata, PA 19345 (215) 647-4400	Home Economics Education Sister Maria Albert	Chairman	13	--	--
Indiana University of Pennsylvania Indiana, PA 15701 (412) 687-2522	Business Education Elwood Sheeder	Chairman (Acting)	56	25	--
	Distributive Education Donald Mahan	Chairman	7	--	--
	Home Economics Education Ruth Browning	Chairman	98	12	--
Lehigh University Betnlehem, PA 18015 (215) 691-7000	(T & I) Career Education Norman H. Sam	Director	--	--	--
Mansfield State College Mansfield, PA 16933 (717) 662-2114	Home Economics Education Lilla C. Halchin	Chairman	94	--	--
Marywood College Scranton, PA 18509 (717) 343-6521	Business Education Joan G. Smetana	Chairman	11	7	--
	Home Economics Education Sister M. Jamesine Fraser	Chairman	35	--	--
Mercyhurst College Erie, PA 16501 (814) 864-0681	Business Education Thomas Monaghan	Chairman	8	--	--
	Home Economics Education Jamie B. Yule	Chairman	15	--	--

Institution	Vocational Teacher Education Personnel		1971-72 Number of Degrees Awarded Baccalaureate	Masters	Doctorate
Messiah College Grantham, PA 17027 (717) 766-2511	Home Economics Education Dorothy Gish	Head	17	--	--
Robert Morris College Corapolis, PA 15108 (412) 471-3920	Business Education Elsie Leffingwell	Chairman	--	--	--
Seton Hill College Greensburg, PA 15601 (412) 834-2200	Home Economics Education Sister Mildred Corvie	Chairman	16	--	--
Shippensburg State College Shippensburg, PA 17257 (717) 532-2184	Business Education Max G. Cooley	Director	87	30	--
Temple University Philadelphia, PA 19122 (215) 787-8376	Division of Vocational Education Calvin Cotrell	Director			
	Business Education Oleen Henson	Chairman	24	7	3
	Distributive Education Marvin Hirshfeld	Chairman	23	18	10
	Trade and Industrial Education Theodore J. Cote	Chairman	25	10	2
The Pennsylvania State University University Park, PA 16802 (814) 865-9781	Edwin Herr	Program Director			
	Agricultural Education David R. McClay	Chairman	15	8	6
	Business Education William A. Williams	Co-Chairman	23	3	--
	Home Economics Education Marjorie East	Chairman	61	16	2

Institution	Vocational Teacher Education Personnel		1971-72 Number of Degrees Awarded Baccalaureate	Masters	Doctorate
The Pennsylvania State University University Park, PA 16802 (814) 865-9781	Trade and Industrial Education William A. Williams	Chairman	1	8	3
Thiel College Greenville, PA 16125 (412) 588-7700	Business Education Mildred Griffith	Chairman	--	--	--
University of Pittsburgh Pittsburgh, PA 15213 (412) 621-3500	Rutherford Lockette	Chairman			
	Business Education George W. Anderson	Chairman	30	24	7
	Distributive Education Charles W. Steadman	Chairman	--	16	--
	Trade and Industrial Education Rutherford Lockette	Chairman			
Villa Maria College 2551 West Lake Road Erie, PA 16505 (814) 838-1966	Home Economics Education Sister Mary Yvo	Chairman	--	7	--
Wilkes College Wilkes-Barre, PA 18703 (717) 824-4561	Business Education Richard Raspin	Chairman	15	--	--
York College of Pennsylvania York, PA 17405 (717) 843-8891	Business Education Charles F. Dye	Assistant Professor	--	--	--

SUMMARY	TOTAL FIELD			
Agricultural Education	29	15	8	6
Business Education	513	386	117	10
Distributive Education	74	30	34	10
Home Economics Education	499	441	56	2
Trades & Industrial Education	49	26	18	5
TOTAL		898	233	33
GRAND TOTAL	1,164			

APPENDIX E
Part II

Part II - Annual and Long-Range Program Plan Provisions

APPENDIX E

Compliance With Title VI Civil Rights Act of 1964
Copy of Form HEW 441 Letter Dated May 11, 1973

ASSURANCE OF COMPLIANCE WITH THE DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE REGULATION UNDER TITLE VI OF THE CIVIL RIGHTS ACT OF 1964

Pennsylvania Department of Education (hereinafter called the "Applicant")
(Name of Applicant)

HEREBY AGREES THAT it will comply with title VI of the Civil Rights Act of 1964 (P.L. 88-352) and all requirements imposed by or pursuant to the Regulation of the Department of Health, Education, and Welfare (45 CFR Part 80) issued pursuant to that title, to the end that, in accordance with title VI of that Act and the Regulation, no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Applicant receives Federal financial assistance from the Department; and HEREBY GIVES ASSURANCE THAT it will immediately take any measures necessary to effectuate this agreement.

If any real property or structure thereon is provided or improved with the aid of Federal financial assistance extended to the Applicant by the Department, this assurance shall obligate the Applicant, or in the case of any transfer of such property, any transferee, for the period during which the real property or structure is used for a purpose for which the Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits. If any personal property is so provided, this assurance shall obligate the Applicant for the period during which it retains ownership or possession of the property. In all other cases, this assurance shall obligate the Applicant for the period during which the Federal financial assistance is extended to it by the Department.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining any and all Federal grants, loans, contracts, property, discounts or other Federal financial assistance extended after the date hereof to the Applicant by the Department, including installment payments after such date on account of applications for Federal financial assistance which were approved before such date. The Applicant recognizes and agrees that such Federal financial assistance will be extended in reliance on the representations and agreements made in this assurance, and that the United States shall have the right to seek judicial enforcement of this assurance. This assurance is binding on the Applicant, its successors, transferees, and assignees, and the person or persons whose signatures appear below are authorized to sign this assurance on behalf of the Applicant.

Dated May 11, 1973

Pennsylvania Department of Education
(Applicant)

By John C. Pittenger
John C. Pittenger
(President, Chairman of Board, or comparable authorized official)

Secretary of Education

Penna. Department of Education
P.O. Box 911

Harrisburg, Pennsylvania 17126
(Applicant's mailing address)

HEW-441
(12-64)

APPENDIX F
Part II

Part II - Annual and Long-Range Program Plan Provisions

APPENDIX F

Compliance with Title IX - Education Amendments of 1972
Prohibition of Sex Discrimination
Sexism in Education - Copy of the following documents:

(a) Secretary of Education letter dated September 5, 1972

(b) Joint Task Force Report 1972

(c) Secretary of Education letter dated June 8, 1973

Commonwealth of Pennsylvania
Department of Education

SCHOOL ADMINISTRATORS' MEMORANDUM **544**

Subject: Sexism in Education

September 5, 1972

To: Chief School Administrators
Intermediate Unit Executive Directors

From: John C. Pittenger
Secretary of Education

John C. Pittenger

In accordance with the intent of the Amendment to Article One of the Constitution of the Commonwealth of Pennsylvania which prohibits the denial or abridgement of rights because of sex, and in keeping with the policy of Governor Milton J. Shapp, as set forth in Executive Directive 13, which states, in part, "A major effort will be exerted to end discrimination against all minority groups and women...," I hereby commit the Department of Education to making the elimination of sexism in education a priority.

The policies which I have established and upon which the public schools in the Commonwealth will be evaluated are that:

1. Sex-segregated and sex-stereotyped classes, programs, activities, and courses of study be eliminated.

2. Feminist literature be included in school libraries and efforts be made to secure instructional materials, including textbooks, which favorably portray women in non-traditional roles.

3. All students be counseled to consider a variety of career opportunities, not only those traditionally entered by persons of their sex.

4. Job placement practices assure students of employment opportunities without restriction because of sex.

5. Annual goals be set for hiring, training and promoting women of all races at every level of employment.

6. The role of women becomes an integral part of the school curriculum.

Chief School Administrators	Staff Assistants	School Board Secretaries	Secondary Principals	Elementary Principals	State Colleges & Universities	Nonpublic Schools	Department of Education Staff
587	587						587
CHIEFS OF SPECIAL PROGRAMS							Number of Sheets in this Release
Special Education	Vocational Education	Agriculture	Home Economics	School Milk & Lunch	Highway Safety	Instructional Materials	
							1

I recommend you develop programs, if you have not already done so, such as the following to support these policies:

1. Sensitize all staff to sexism and to what are degrading and discriminatory practices.

2. Eliminate sex-stereotyped roles in all school publications.

3. Eliminate assignments by sex in all job classes and student positions.

4. Seek the establishment of child care/development programs for children of staff, faculty and students, with costs according to ability to pay. These programs can be used for training the students in child care and family relationships.

5. Provide before and after school programs especially for children whose parents work.

6. Provide a sex education course in human growth and development which includes emotional and physical growth and interpersonal relationships.

I have directed the staff of the Department of Education to consider the elimination of sexism an important part of their responsibilities. They will provide you with technical assistance and advisory services.

All such programs hinge on a satisfactory evaluation system. Therefore, I assure you that the Department will fulfill its evaluation responsibilities in accord with procedures which will be clearly stated.

I seek your cooperation in meeting our joint responsibility to eliminate discriminatory practices in the schools of the Commonwealth.

Sexism in Education

Joint Task Force Report

1972

This publication is available from the following:

Publication Division
Pennsylvania Department of Education
P.O. Box 911
Harrisburg, Pennsylvania 17126

Pennsylvania Department of Education

Sexism in Education

A report of the task force composed of representatives of the Pennsylvania Department of Education, Pennsylvanians for Women's Rights and the Pennsylvania Human Relations Commission

Pennsylvania Department of Education
1972

OA-501 12-67

Appendix A

COMMONWEALTH OF PENNSYLVANIA

30 A

October 15, 1971

SUBJECT: Joint Task Force on Sexism in Education

TO: Deputy Secretary, Commissioners, Bureau Directors and Office Directors

FROM: David H. Kurtzman
Secretary of Education

In accordance with the stated policy of this administration I herewith commit myself to making the elimination of sexism in education a priority.

A Joint Task Force on Sexism in Education, composed of representatives of the Department of Education, Human Relations Commission and Pennsylvanians for Women's Rights was formed in July, 1971. This organization will develop the programs necessary to achieve this goal.

These programs will be designed to complement existing and planned efforts to eliminate race discrimination in education. Because programs in these areas are a Governmental response to the needs of the Commonwealth's people, activities that aid in the attainment of the above goals must be considered an important part of the various bureaus' responsibilities and the individual staff member's assignment. These might include the advisory services of PDE to LEAs, the writing and distribution of relevant materials (curriculum guides, administrative guidelines etc.) that will help obtain a more equal educational opportunity for women in the Commonwealth.

4-801 12-67

30 B

COMMONWEALTH OF PENNSYLVANIA

January 28, 1972

SUBJECT: Equal Opportunity in the Department of Education

TO: All PDE Employees

FROM: John C. Pittenger

The Department of Education must make special efforts to extend equal employment and promotion opportunities to all within the department and within the educational community which we serve. Accordingly,

1) I have met with the PDE Human Relations Committee chairman, Joseph Bard, and asked him to pursue with renewed effort the task of developing strategies for eliminating bias within the department, particularly with respect to racial minorities and women. I have asked the committee to advise and assist me in implementing these strategies.

2) All supervisory personnel are instructed to be acutely sensitive to the desirability of hiring and promoting women and members of minority groups to fill vacancies in jobs of responsibility.

3) I pledge myself and ask every employee to be alert to ways in which equal opportunity for women and members of racial minorities may be encouraged in local school districts, colleges and universities, and private agencies with whom the department contracts for services of any kind.

4) Instances of alleged personal and institutional expressions of bias should continue to be brought to the attention of the Human Relations Committee for investigation and subsequent action by my office.

Equal opportunity has for many Americans been a distant goal rather than a present fact. The Department of Education should be in the front ranks of those seeking to bring that goal within the reach of all people.

Commonwealth of Pennsylvania
DEPARTMENT OF EDUCATION
Harrisburg

April 4, 1972

SUBJECT: Sexism in Education

TO: Chief School Administrators
Intermediate Unit Executive Directors
College Presidents and
Vice Presidents of Academic Affairs (included with President's Copy)

FROM: John C. Pittenger
Secretary of Education

In May 1971 the people of Pennsylvania voted to add the following clause to the Constitution:

> "Equality of rights under the law shall not be denied or abridged in the Commonwealth of Pennsylvania because of the sex of the individual."

So that Pennsylvania schools might come into compliance with the amendment, voted by the people, the Department of Education established the Joint Task Force on Sexism in Education to recommend policies and programs to be implemented by the Department of Education, local school districts, and individual educational institutions.

The areas of particular concern are guidance and counselling, sex-segregated classes and activities, sexism in classroom and library materials, continuing education, female studies in basic and higher education, and teacher training.

The Task Force is now preparing its final report. When I receive this report, I shall communicate to you the policies and program requirements necessary for compliance with the law.

I am confident that you share our concern that girls and women have equal opportunity in our schools for such is the basis of our democracy. Many present policies and practices in our schools limit the development of the potential of half of the population. We must work together to bring women into all of our programs, including athletics, vocational training, the sciences and mathematics, engineering, medicine, and administration. No area can be closed to them.

Moreover, we must affirmatively encourage women in choosing whatever field or program interests them, in attaining the necessary skills, and in obtaining job placement.

EXECUTIVE DIRECTIVE NO. 13

Commonwealth of Pennsylvania

Governor's Office
HARRISBURG

June 2, 1971

SUBJECT: COMMITMENT TOWARD EQUAL RIGHTS

TO: HEADS OF ALL ADMINISTRATIVE DEPARTMENTS, INDEPENDENT ADMINISTRATIVE BOARDS AND COMMISSIONS, AND OTHER STATE AGENCIES UNDER THE GOVERNOR'S JURISDICTION

FROM: MILTON J. SHAPP
GOVERNOR

I am publicly committing myself and my Administration to provide leadership in the efforts to attain equal rights for all persons in the Commonwealth.

A major effort will be exerted to end discrimination against women and members of all minority groups and to develop affirmative action programs to involve them at every level of employment and decision making in this Administration.

I strongly emphasize that this commitment does not mean that departments and agencies may be content with hiring women and members of minority groups in jobs that require menial skills or with hiring women as secretarial help. Qualified persons shall be sought for jobs on every level of our government, including those in decision making and policy making areas.

I shall expect periodic reports from you on your progress in implementing this directive.

It is my sincere wish that every department and agency of the Commonwealth actively participate toward fulfillment of this commitment.

Commonwealth of Pennsylvania

EXECUTIVE DIRECTIVE NO. 21

September 27, 1971

Governor's Office

HARRISBURG

SUBJECT: Implementation of the Commitment Toward Equal Rights

TO: HEADS OF ALL ADMINISTRATIVE DEPARTMENTS, INDEPENDENT ADMINISTRATIVE BOARDS AND COMMISSIONS AND OTHER STATE AGENCIES UNDER THE GOVERNOR'S JURISDICTION

FROM: MILTON J. SHAPP
Governor

Executive Directive 13 dated June 2, 1971, set forth in general terms the commitment of this Administration to provide leadership in the efforts to attain equal rights for all persons in the Commonwealth. It was stated in Executive Directive 13 that "A major effort will be exerted to end discrimination against members of all minority groups and women and to develop affirmative action programs to involve them at every level of employment and decision-making in this Administration."

Following the issuance of Executive Directive 13, further discussions have led to the following plans to insure that our effort will result in concrete progress this year toward greater involvement of minorities and women, particularly in professional, administrative and technical positions. We must also take action to enforce the equal employment opportunity provisions in State contracts, make certain all our program services reach people in need, insure that recipients of State grants do not discriminate, insure that disadvantaged persons have equal opportunity to become licensed by the State, and be certain that licensees of the State provide services on a non-discriminatory basis.

Therefore, I am directing that you take the following actions:

1. Establish specific numerical goals and target dates with regard to increases in the employment of minorities and women in your departmental work forces. These staffing goals should be submitted to my office for approval. Attachment 1 to this Directive provides guidance with regard to the factors which should be taken into account in setting the goals and target dates.

2. Develop detailed action plans which will insure timely achievement of the staffing goals. This plan will be submitted to my office for approval. The Office of Administration will provide information and assistance regarding the type of action needed to achieve the goals.

3. Undertake a review of program services, licensing policies, and contract compliance to determine what new organizational arrangements, policies and operational plans are needed to combat intentional or unintentional discriminatory practices. We must ask the question, "Are any of our present regulations or procedures causing us to fail to serve all segments of the public properly?"

4. Take action to designate a responsible policy-making official of Deputy Secretary rank who will be responsible for the implementation of the staffing goals and action plans.

5. Appoint an advisory committee on affirmative action composed of agency program directors, bureau chiefs, administrative supervisors, persons from the minority client population of the agency and from the minority community generally. We expect there will be women on each committee.

6. If not already established, create and fill in all major agencies, a position of affirmative action officer. This position should be in the office of the aforementioned designated responsible policy-making official and will have the responsibility for providing staff services to the advisory committee and coordination of agency program to implement the employment and other affirmative action programs. Additional positions to provide staff support in the affirmative action office and the agency personnel office may be authorized as needed.

7. I am establishing a Cabinet level task force out of my office to review the progress being made to implement this Directive.

Please send the names of the designated responsible officials, the affirmative action committee members and your agency affirmative action officer to me by October 15. The staffing goals and action plans should be in my office by December 1, 1971. Further instructions will be issued shortly regarding the areas of contract compliance, licensing policies, and program services.

If you have questions or require assistance regarding any of the above provisions, please contact Ronald G. Lench, Secretary of Administration, or Terry Dellmuth, Special Assistant for Human Services.

June 8, 1973

Mr. Peter E. Holmes
Director
Office for Civil Rights
Department of Health, Education,
and Welfare
Office of the Secretary
Washington, D. C. 20201

Dear Mr. Holmes:

Thank you for calling our attention to the nondiscriminatory implementation requirements for single-sex institutions specified in memorandum entitled "Title IX of the Education Amendments of 1972" dated May 30, 1973.

A review of approved vocational education programs reported by our management information system, VEMIS, for fiscal year 1973, indicates there are no single-sex secondary public schools in operation in Pennsylvania. Therefore, we must assume that the memorandum dated May 30, 1973 is not applicable to our situation.

Sincerely,

6/8/73

John C. Pittenger

DMC:JWS:sm

cc: Dr. Harry K. Gerlach
Dr. John W. Struck
Mr. Stephen Sworen